U.S. DEPARTMENT OF COMMERCE
National Technical Information Service

PB-260 380

# Air Quality Data - 1975 First Quarter Statistics

Environmental Protection Agency, Research Triangle Park, N C

Oct 76

## TECHNICAL REPORT DATA

*(Please read Instructions on the reverse before completing)*

| | | |
|---|---|---|
| 1. REPORT NO.<br>EPA-450/2-76-024 | 2. | 3. RECIPIENT'S ACCESSION NO. |
| 4. TITLE AND SUBTITLE<br>Air Quality Data-1975 First Quarter Statistics | | 5. REPORT DATE<br>October 1976<br>6. PERFORMING ORGANIZATION CODE |
| 7. AUTHOR(S)<br>National Air Data Branch | | 8. PERFORMING ORGANIZATION REPORT N |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS<br>U.S. Environmental Protection Agency<br>Office of Air Quality Planning and Standards<br>Monitoring and Data Analysis Division<br>Research Triangle Park, North Carolina 27711 | | 10. PROGRAM ELEMENT NO.<br>11. CONTRACT/GRANT NO. |
| 12. SPONSORING AGENCY NAME AND ADDRESS<br>U.S. Environmental Protection Agency<br>Office of Air and Waste Management<br>Office of Air Quality Planning and Standards<br>Research Triangle Park, North Carolina 27711 | | 13. TYPE OF REPORT AND PERIOD COVERE<br>Final January-March 1975<br>14. SPONSORING AGENCY CODE |

15. SUPPLEMENTARY NOTES

16. ABSTRACT

This report is a statistical summary report on ambient air quality submitted to EPA from air monitoring operations of State, local and Federal networks in accordance with requirements of the Clean Air Act and EPA Regulations for State Implementation Plans (SIP's). These data represent all ambient air quality data sampled for pollutants that currently have National Ambient Air Quality Standards.

17. KEY WORDS AND DOCUMENT ANALYSIS

| a. DESCRIPTORS | b. IDENTIFIERS/OPEN ENDED TERMS | c. COSATI Field/Group |
|---|---|---|
| Air Quality Data<br>SAROAD<br>Pollutants<br>NADB<br>SIPS<br>Reporting Requirements | | |

| | | |
|---|---|---|
| 18. DISTRIBUTION STATEMENT<br>Release Unlimited | 19. SECURITY CLASS *(This Report)*<br>Unclassified | 21. NO. OF PAGES<br>145 |
| | 20. SECURITY CLASS *(This page)*<br>Unclassified | 22. PRICE<br>$6.00 -3.00 |

EPA Form 2220-1 (9-73)

☆U.S. GOVERNMENT PRINTING OFFICE: 1976 641-381/572

335046

PB 260 380

EPA-450/2-76-024
October 1976

# AIR QUALITY DATA -
# 1975 FIRST QUARTER STATISTICS

1

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U. S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, N.C. 27711

145

EPA-450/2-76-024

# AIR QUALITY DATA -
# 1975 FIRST QUARTER STATISTICS

Monitoring and Data Analysis Division
National Air Data Branch

ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

October 1976

ia

This report is issued by the Environmental Protection Agency to report technical data of interest to a limited number of readers. Copies are available free of charge to Federal employees, current contractors and grantees, and nonprofit organizations - in limited quantities - from the Library Services Office (MD35), Research Triangle Park, North Carolina 27711; or, for a fee, from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

Publication No. EPA-450/2-76-024

# AIR QUALITY DATA -
# 1975 FIRST QUARTER STATISTICS
## INTRODUCTION

In accordance with requirements of the Clean Air Act and EPA Regulations for State Implementation Plans (SIP's),[1] ambient air quality data resulting from air monitoring operations of State, local, and Federal networks must be reported each calendar quarter to the Environmental Protection Agency. The EPA Storage and Retrieval of Aerometric Data (SAROAD) format[2] is the established medium for transmittal of air data to EPA Regional Offices within 45 days after each quarterly reporting period. EPA Regional Offices must, within an additional 30 days, forward data they have received to the EPA Aerometric and Emissions Reporting System (AEROS) of which the SAROAD system is an operational part. AEROS is managed by the National Air Data Branch, Monitoring and Data Analysis Division of the Office of Air Quality Planning and Standards. Summaries of these data are provided to interested parties upon request.

In a continuing effort to provide these data to participating agencies as well as to the public, EPA periodically publishes a summary of all data submitted. It is this Agency's desire that participating agencies take this opportunity to check these data to ensure that: (1) the data are correct and (2) the data accurately reflect the ambient air quality within each Air Quality Control Region (AQCR), and (3) the data reflect the necessary improvements in air quality to ensure the attainment of National Ambient Air Quality Standards.

---

1. Federal Register, Vol. 38, No. 149, Friday, August 3, 1973, pp. 20834 and 20835.

2. OAQPS Guideline 1.2-039, Volume II: "AEROS Users Manual."

The air quality statistics shown in this publication are produced directly from computer reports generated by EPA's on-line computer system. The data in SAROAD are continually subject to update or correction as necessary. As such, it is probably that recent data submittals may not be reflected in the following tables. The most recent up-to-date SAROAD reports are available upon request from the National Air Data Branch or the appropriate EPA Regional Office. These locations are shown in the following table.

LIST OF REGIONAL OFFICES

| Regional Location | Commercial Telephone | FTS Telephone |
|---|---|---|
| EPA Region I<br>240 Highland Avenue<br>Needham Heights, MA 02194 | 617-223-7266 | 223-7266 |
| EPA Region II<br>26 Federal Plaza<br>New York, NY 10007 | 212-264-2518 | 264-2518 |
| EPA Region III<br>6th & Walnut Streets<br>Philadelphia, PA 19106 | 215-597-8046 | 597-8046 |
| EPA Region IV<br>1421 Peachtree St., N.E.<br>Atlanta, GA 30309 | 404-526-2864 | 285-2864 |
| EPA Region V<br>230 S. Dearborn<br>Chicago, IL 60604 | 312-353-1447 | 353-1447 |
| EPA Region VI<br>1600 Patterson St.<br>Dallas, TX 75201 | 214-749-1176 | 749-1176 |
| EPA Region VII<br>1735 Baltimore Ave.<br>Kansas City, MO 64108 | 816-374-3791 | 758-3791 |
| EPA Region VIII<br>1860 Lincoln St.<br>Denver, CO 80203 | 303-837-4261 | 327-4261 |

| | | |
|---|---|---|
| EPA Region IX<br>100 California St.<br>San Francisco, CA  94111 | 415-556-2270 | 556-2270 |
| EPA Region X<br>1200 6th Avenue (M/S 413)<br>Seattle, WA  98101 | 206-442-1580 | 399-1580 |
| National Air Data Branch<br>Chief, Requests & Information Section<br>Research Triangle Park,<br>North Carolina  27711 | 919-688-8146 | 629-5395 |

Data for reporting sites using analytical methods determined to be not acceptable for purposes of data analysis are not included in this report. In the future NADB edit programs will reject any new data submittals indicating a "not acceptable"[3] analytical method. All existing "not acceptable" data will be removed from the files and stored in SAROAD format. This "not acceptable" data will no longer be included in data retrieval files.

## ORGANIZATION AND FORMAT

These data represent all acceptable ambient air quality data sampled for pollutants that currently have National Ambient Air Quality Standards. These pollutants, along with their corresponding sampling intervals and National Primary and Secondary Standards, are as given on the following page.

---

[3] OAQPS Guideline 1.2-018, "Designation of Criteria Pollutant Analytical Methods as Acceptable/Not Acceptable for Purposes of Data Analysis," May 1974.

## SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS[a]

| Pollutant | Averaging time | Primary standards | Secondary standards | Comments |
|---|---|---|---|---|
| Particulate matter | Annual (Geometric mean) | 75 μg/m$^3$ | 60 μg/m$^3$ | The secondary annual standard (60 μg/m$^3$) is a guide for assessing State Implementation Plans to achieve the 24-hour secondary standard. |
| | 24 hour[b] | 260 μg/m$^3$ | 150 μg/m$^3$ | |
| Sulfur oxides | Annual (Arithmetric mean) | 80 μg/m$^3$<br>(0.03 ppm) | - | |
| | 24-hour[b] | 365 μg/m$^3$<br>(0.14 ppm) | - | |
| | 3-hour[b] | - | 1300 μg/m$^3$<br>(0.5 ppm) | |
| Carbon monixide | 8-hour[b] | 10 mg/m$^3$<br>( 9 ppm) | | |
| | 1-hour[b] | 40 mg/m$^3$<br>(35 ppm) | (Same as primary) | |
| Nitrogen dioxide | Annual (Arithmetic mean) | 100 μg/m$^3$<br>(0.05 ppm) | (Same as primary) | Chemiluminescence has been proposed as a replacement for the J-H method. New FRM* will be forthcoming in the near future. |
| Photochemical oxidants | 1-hour[b] | 160 μg/m$^3$<br>(0.08 ppm) | (Same as primary) | The FRM* measures $O_3$ (ozone). |

| | | | | |
|---|---|---|---|---|
| Hydrocarbons (nonmethane) | 3-hour (6 to 9 a.m.) | 160 µg/m$^3$ (0.24 ppm) | (Same as primary) | The HC standard is a guid to devising State Implementation Plans to achieve the oxidant standard. The HC standa does not have to be met if the oxidant standard is met. |

---

[a] The air quality standards and a description of the Federal Reference Methods *(FRM) were published on April 30, 1971 in 42 CRF 410, recodified to 40 CRF 50 on November 25, 1972.

[b] Not to be exceeded more than once per year.

Each section of this publication addresses one of the six pollutants* listed in the preceding summary and shows each acceptable collection and analysis technique represented in AEROS. When submitted, both continuous and non-continuous sampling intervals are given. For uniformity, all summaries are shown in micrograms per cubic meter ($\mu g/m^3$) except carbon monoxide, which is given in milligrams per cubic meter ($mg/m^3$). Note that the pages are printed so that individual sections (pollutant-method combinations) may be removed and inserted in a looseleaf notebook if desired.

The format employed in this publication provides both parametric and non-parametric indices of air quality. The number of observations, the minimum and maximum value measured for the period of record, and the odd deciles plus the 95th and 99th percentiles describe the distribution of observed values The arithmetic and geometric means and standard deviations provide some measure of central tendency and dispersion.

Each summary line is preceded by the Air Quality Control Region within which the sampling site is located,[4] the city or county (parish, election district, or regional planning district), the three-digit site number within the city or county, and an Agency Type Code that indicates the type of agency responsible for the laboratory analysis. A Project Code is shown with the Agency Type Code to indicate the type of surveillance being conducted. Some principal Agency-Project Codes are:

---

*Ozone included.

[4] Directory of Air Quality Monitoring Sites 1972, EPA-450/2-73-006. Environmental Protection Agency, Office of Air and Water Programs, Office of Air Quality Planning and Standards, Research Triangle Park, N. C. 27711. September 1973.

## SAROAD AGENCY TYPES

| | |
|---|---|
| A | EPA Headquarters group responsible for atmospheric surveillance |
| B | EPA Headquarters group responsible for meteorological activity |
| C | EPA Headquarters group responsible for effects research |
| D | EPA Headquarters group responsible for atmospheric research |
| E | EPA Headquarters group responsible for abatement activity |
| F | State agency |
| G | County agency |
| H | City agency |
| I | District agency |
| J | Private |
| K | Institution (university, college, etc.) |
| L | Military |
| M | International agency |
| N | Other Federal nonmilitary agencies |
| P | EPA Regional Office group responsible for atmospheric surveillance |
| Q | World Meteorological Organization |
| R | World Health Organization |
| S-Y | Open for future expansion |
| Z | Other |

## SAROAD PROJECT CLASSIFICATIONS

| | |
|---|---|
| 01 | Population-oriented surveillance |
| 02 | Source-oriented ambient surveillance |
| 03 | Background surveillance |
| 04 | Complaint investigation |
| 05 | Special studies |
| 06 | Episode monitoring |
| 08 | Global surveillance |
| 09 | Duplicate sampling |
| 10 | Continuous Air Monitoring Program |
| 11-99 | For Federal network and future expansion |

## SUMMARY CRITERIA

Ambient air quality observations which are reported to EPA must satisfy minimum summary criteria--the basis of which is sampling interval (e.g., continuous, non-continuous) and period of coverage (e.g., quarterly, annually). The arithmetic mean, geometric mean, airthmetic standard deviation, and geometric standard deviation are calculated and summarized in this report for data having met these criteria. Reports are available from the National Air Data Branch or the appropriate EPA Regional Office which give the means and standard deviations even though the minimum summary criteria are not satisfied.

Criteria for continuous observations with sampling intervals of less than 24 hours are as follows:

Data representing quarterly periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable quarter.

Data representing annual periods must reflect a minimum of 75 percent of the total number of possible observations for the applicable year.

Criteria for non-continuous observations with sampling intervals of 24 hours or greater are as follows:

Data representing quarterly periods must reflect a minimum of five observations for the applicable quarter. Should there be no measurements in one of the three months of the quarter, each remaining month must have no less than two observations reported for the applicable period.

Data representing annual periods must reflect four quarters of observation that have satisfied the quarterly criteria.

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 001 Demopolis | 002 | F01 | 2 | 41. | 41. | 41. | 41. | 45. | 45. | 45. | 45. | 45. | | | | |
| 001 Evergreen | 001 | F01 | 9 | 18. | 18. | 20. | 23. | 34. | 50. | 50. | 50. | 50. | 28. | 10.60 | 26.56 | 1.42 |
| 001 Selma | 002 | F01 | 10 | 30. | 30. | 38. | 44. | 52. | 55. | 63. | 63. | 63. | 46. | 10.31 | 44.53 | 1.26 |
| 002 Montgomery | 003 | F01 | 6 | 45. | 45. | 76. | 82. | 92. | 129. | 129. | 129. | 129. | 86. | 27.27 | 82.10 | 1.41 |
| | 007 | F01 | 4 | 27. | 27. | 29. | 29. | 45. | 69. | 69. | 69. | 69. | 43. | 19.42 | 39.49 | 1.55 |
| 002 Opelika | 001 | F01 | 12 | 18. | 24. | 29. | 40. | 46. | 70. | 75. | 75. | 75. | 42. | 17.19 | 38.79 | 1.52 |
| 002 Phenix City | 001 | F01 | 13 | 40. | 41. | 43. | 55. | 75. | 92. | 94. | 94. | 94. | 60. | 19.12 | 57.85 | 1.36 |
| 002 Troy | 002 | F01 | 10 | 26. | 26. | 42. | 46. | 50. | 59. | 59. | 59. | 59. | 46. | 11.44 | 44.30 | 1.33 |
| 003 Alexander City | 001 | F01 | 3 | 29. | 29. | 29. | 36. | 61. | 61. | 61. | 61. | 61. | | | | |
| 003 Childersburg | 001 | F01 | 8 | 26. | 26. | 50. | 53. | 76. | 164. | 164. | 164. | 164. | 72. | 41.91 | 63.64 | 1.71 |
| 003 Gadsden | 002 | F01 | 12 | 14. | 16. | 22. | 26. | 43. | 44. | 48. | 48. | 48. | 30. | 11.76 | 27.85 | 1.51 |
| | 003 | F01 | 9 | 21. | 21. | 25. | 32. | 91. | 100. | 100. | 100. | 100. | 57. | 33.38 | 47.43 | 1.94 |
| | 004 | F02 | 13 | 45. | 46. | 59. | 85. | 158. | 203. | 205. | 205. | 205. | 111. | 63.00 | 94.62 | 1.80 |
| 003 Sylacauga | 001 | F01 | 6 | 36. | 36. | 49. | 57. | 80. | 81. | 81. | 81. | 81. | 61. | 17.58 | 58.26 | 1.36 |
| 003 Talladega | 001 | F01 | 15 | 16. | 54. | 69. | 78. | 90. | 139. | 178. | 178. | 178. | 85. | 39.11 | 75.89 | 1.73 |
| 004 Bessemer | 001 | G01 | 70 | 11. | 34. | 79. | 96. | 123. | 166. | 180. | 223. | 223. | 101. | 46.88 | 88.47 | 1.78 |
| 004 Birmingham | 003 | G01 | 15 | 27. | 32. | 56. | 66. | 85. | 99. | 177. | 177. | 177. | 74. | 35.97 | 67.03 | 1.60 |
| | 005 | G02 | 81 | 22. | 46. | 100. | 138. | 171. | 226. | 258. | 408. | 408. | 144. | 75.75 | 123.36 | 1.81 |
| | 010 | G01 | 15 | 22. | 37. | 81. | 100. | 113. | 160. | 236. | 236. | 236. | 101. | 51.35 | 88.46 | 1.79 |
| | 011 | G01 | 14 | 33. | 41. | 79. | 92. | 102. | 146. | 215. | 215. | 215. | 93. | 46.71 | 83.03 | 1.65 |
| | 012 | G01 | 86 | 11. | 36. | 62. | 74. | 92. | 128. | 134. | 260. | 260. | 81. | 41.10 | 72.03 | 1.66 |
| | 019 | G01 | 78 | 14. | 53. | 90. | 121. | 170. | 263. | 313. | 426. | 426. | 142. | 82.30 | 119.94 | 1.85 |
| 004 Clanton | 001 | F03 | 15 | 14. | 20. | 25. | 36. | 45. | 63. | 68. | 68. | 68. | 38. | 16.44 | 34.10 | 1.59 |
| 004 Fairfield | 003 | G01 | 84 | 12. | 37. | 56. | 67. | 83. | 109. | 145. | 229. | 229. | 73. | 33.91 | 66.02 | 1.59 |
| 004 Irondale | 002 | G01 | 16 | 23. | 31. | 71. | 81. | 101. | 136. | 193. | 193. | 193. | 88. | 41.51 | 78.31 | 1.71 |
| 004 Jasper | 001 | F01 | 3 | 75. | 75. | 75. | 87. | 117. | 117. | 117. | 117. | 117. | | | | |
| 004 Leeds | 003 | G01 | 71 | 19. | 61. | 101. | 123. | 192. | 276. | 323. | 360. | 360. | 152. | 85.42 | 126.31 | 1.95 |
| 004 Oneonta | 001 | F01 | 6 | 27. | 27. | 39. | 47. | 70. | 73. | 73. | 73. | 73. | 54. | 19.21 | 50.93 | 1.49 |
| 004 Pell City | 001 | F01 | 13 | 44. | 54. | 66. | 89. | 108. | 137. | 299. | 299. | 299. | 103. | 64.94 | 90.76 | 1.63 |
| 004 Sumter Co | 001 | F01 | 10 | 21. | 21. | 23. | 35. | 37. | 52. | 53. | 53. | 53. | 35. | 11.49 | 33.11 | 1.40 |
| 004 Tarrant City | 001 | G01 | 62 | 29. | 55. | 92. | 120. | 168. | 239. | 299. | 438. | 438. | 142. | 82.85 | 120.45 | 1.79 |
| 004 Tuscaloosa | 003 | F01 | 2 | 46. | 46. | 46. | 46. | 118. | 118. | 118. | 118. | 118. | | | | |
| 005 Brewton | 001 | F01 | 9 | 18. | 18. | 23. | 32. | 66. | 71. | 71. | 71. | 71. | 41. | 21.75 | 36.18 | 1.71 |
| 005 Chickasaw | 002 | G01 | 7 | 24. | 24. | 62. | 122. | 136. | 226. | 226. | 226. | 226. | 108. | 72.42 | 83.21 | 2.31 |
| 005 Mobile | 001 | G01 | 7 | 61. | 61. | 74. | 84. | 91. | 291. | 291. | 291. | 291. | 125. | 89.98 | 103.73 | 1.86 |
| | 002 | G01 | 10 | 37. | 37. | 43. | 48. | 63. | 98. | 174. | 174. | 174. | 68. | 42.05 | 60.28 | 1.63 |
| | 006 | G01 | 15 | 53. | 54. | 77. | 107. | 157. | 234. | 436. | 436. | 436. | 138. | 100.56 | 114.08 | 1.84 |
| | 008 | G01 | 12 | 48. | 50. | 66. | 91. | 123. | 150. | 245. | 245. | 245. | 108. | 56.45 | 95.89 | 1.46 |
| | 009 | G01 | 13 | 13. | 18. | 28. | 33. | 50. | 108. | 131. | 131. | 131. | 47. | 35.18 | 37.81 | 1.91 |
| | 011 | G01 | 14 | 39. | 44. | 58. | 66. | 84. | 170. | 175. | 175. | 175. | 87. | 46.96 | 77.85 | 1.62 |
| 005 Mobile Co | 013 | G01 | 9 | 30. | 30. | 55. | 56. | 84. | 123. | 123. | 123. | 123. | 65. | 28.88 | 59.73 | 1.55 |
| | 021 | G01 | 15 | 26. | 30. | 39. | 48. | 71. | 97. | 127. | 127. | 127. | 59. | 28.19 | 53.04 | 1.57 |
| | 024 | G01 | 13 | 30. | 41. | 42. | 62. | 73. | 77. | 91. | 91. | 91. | 59. | 17.91 | 56.71 | 1.38 |
| 005 Mountain Brook | 001 | G03 | 15 | 21. | 21. | 34. | 43. | 52. | 58. | 143. | 143. | 143. | 48. | 29.12 | 42.19 | 1.62 |
| 005 Prichard | 003 | G01 | 8 | 51. | 51. | 55. | 60. | 73. | 106. | 106. | 106. | 106. | 71. | 21.76 | 67.98 | 1.34 |
| 005 Saraland | 001 | G01 | 5 | 29. | 29. | 51. | 60. | 103. | 106. | 106. | 106. | 106. | 70. | 33.64 | 62.70 | 1.71 |
| 006 Abbeville | 001 | F01 | 10 | 11. | 11. | 25. | 28. | 33. | 37. | 56. | 56. | 56. | 30. | 11.98 | 28.14 | 1.55 |
| 006 Dothan | 002 | F01 | 7 | 42. | 42. | 47. | 50. | 52. | 80. | 80. | 80. | 80. | 53. | 12.79 | 51.75 | 1.24 |
| 006 Eufaula | 001 | F01 | 7 | 25. | 25. | 50. | 53. | 56. | 62. | 62. | 62. | 62. | 49. | 14.02 | 46.60 | 1.41 |
| 007 Athens | 001 | G01 | 13 | 21. | 39. | 51. | 59. | 76. | 110. | 116. | 116. | 116. | 65. | 26.38 | 59.60 | 1.56 |
| | 003 | G01 | 15 | 9. | 20. | 35. | 47. | 57. | 90. | 92. | 92. | 92. | 50. | 24.44 | 43.04 | 1.85 |
| 007 Cullman | 001 | F01 | 12 | 36. | 48. | 56. | 67. | 76. | 88. | 88. | 88. | 88. | 67. | 16.49 | 64.51 | 1.31 |
| 007 Decatur | 001 | G01 | 43 | 16. | 33. | 53. | 71. | 97. | 120. | 135. | 204. | 204. | 78. | 40.22 | 67.81 | 1.73 |
| | 003 | G01 | 14 | 25. | 35. | 44. | 48. | 56. | 71. | 73. | 73. | 73. | 50. | 14.38 | 48.06 | 1.36 |
| | 004 | G01 | 14 | 20. | 41. | 50. | 54. | 69. | 104. | 105. | 105. | 105. | 63. | 25.81 | 57.78 | 1.56 |
| | 005 | G01 | 14 | 25. | 44. | 58. | 80. | 109. | 118. | 148. | 148. | 148. | 82. | 35.88 | 73.79 | 1.65 |
| 007 Florence | 003 | F01 | 15 | 42. | 43. | 56. | 79. | 93. | 123. | 162. | 162. | 162. | 82. | 33.73 | 75.76 | 1.49 |
| 007 Fort Payne | 001 | F01 | 7 | 19. | 19. | 33. | 45. | 53. | 65. | 65. | 65. | 65. | 44. | 17.38 | 41.13 | 1.56 |
| 007 Guntersville | 001 | F01 | 8 | 10. | 10. | 35. | 37. | 53. | 65. | 65. | 65. | 65. | 41. | 17.09 | 36.88 | 1.79 |
| 007 Hartselle | 001 | G01 | 12 | 16. | 18. | 35. | 37. | 42. | 60. | 82. | 82. | 82. | 39. | 18.68 | 35.43 | 1.64 |
| 007 Huntsville | 002 | H01 | 15 | 5. | 15. | 22. | 31. | 36. | 43. | 71. | 71. | 71. | 31. | 15.54 | 26.84 | 1.85 |
| | 003 | H01 | 15 | 9. | 28. | 38. | 60. | 67. | 88. | 177. | 177. | 177. | 60. | 38.84 | 50.21 | 1.96 |
| | 004 | H01 | 14 | 5. | 13. | 31. | 32. | 34. | 49. | 53. | 53. | 53. | 31. | 13.57 | 27.17 | 1.87 |
| | 006 | H01 | 15 | 5. | 11. | 18. | 25. | 31. | 39. | 96. | 96. | 96. | 28. | 21.19 | 22.89 | 1.98 |
| | 007 | H01 | 14 | 8. | 17. | 28. | 33. | 38. | 50. | 82. | 82. | 82. | 35. | 18.13 | 30.60 | 1.76 |
| | 008 | H01 | 14 | 6. | 17. | 30. | 32. | 40. | 52. | 58. | 58. | 58. | 34. | 14.50 | 30.18 | 1.80 |
| | 009 | H01 | 3 | 13. | 13. | 13. | 41. | 42. | 42. | 42. | 42. | 42. | | | | |
| | 010 | H01 | 15 | 7. | 14. | 25. | 33. | 41. | 45. | 52. | 52. | 52. | 31. | 13.29 | 27.98 | 1.74 |
| | 011 | H01 | 14 | 8. | 12. | 18. | 34. | 42. | 52. | 59. | 59. | 59. | 33. | 16.92 | 27.60 | 1.90 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA — Cont.** | | | | | | | | | | | | | | | | |
| | 014 | H01 | 62 | 5. | 18. | 31. | 38. | 64. | 99. | 102. | 105. | 105. | 50. | 29.68 | 40.49 | 2.00 |
| 007 Jackson Co | 023 | F02 | 9 | 15. | 15. | 49. | 58. | 101. | 336. | 336. | 336. | 336. | 95. | 95.54 | 67.91 | 2.33 |
| 007 Lawrence Co | 001 | G03 | 14 | 15. | 16. | 35. | 45. | 49. | 77. | 110. | 110. | 110. | 47. | 24.68 | 40.97 | 1.72 |
| 007 Muscle Shoals | 001 | F01 | 15 | 33. | 35. | 48. | 54. | 72. | 119. | 129. | 129. | 129. | 66. | 31.57 | 59.75 | 1.57 |
| 007 Russellville | 001 | F01 | 13 | 24. | 28. | 38. | 42. | 58. | 78. | 128. | 128. | 128. | 52. | 27.20 | 47.45 | 1.56 |
| 007 Scottsboro | 002 | F01 | 4 | 21. | 21. | 31. | 31. | 33. | 96. | 96. | 96. | 96. | | | | |
| | 003 | F01 | 1 | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | | | | |
| **ALASKA** | | | | | | | | | | | | | | | | |
| 008 Anchorage | 003 | P01 | 6 | 7. | 7. | 16. | 23. | 37. | 59. | 59. | 59. | 59. | 29. | 18.32 | 23.53 | 2.05 |
| | 005 | I01 | 11 | 15. | 21. | 25. | 36. | 42. | 62. | 84. | 84. | 84. | 39. | 21.04 | 34.75 | 1.69 |
| | 006 | A01 | 12 | 9. | 16. | 26. | 36. | 42. | 49. | 51. | 51. | 51. | 34. | 13.18 | 30.31 | 1.68 |
| | 009 | I01 | 12 | 10. | 11. | 19. | 26. | 40. | 53. | 54. | 54. | 54. | 30. | 15.78 | 26.05 | 1.79 |
| | 010 | I01 | 12 | 3. | 4. | 5. | 7. | 9. | 12. | 13. | 13. | 13. | 7. | 3.03 | 6.76 | 1.54 |
| 008 Anchorage Ed | 004 | I03 | 12 | 9. | 14. | 24. | 28. | 33. | 40. | 49. | 49. | 49. | 28. | 10.98 | 25.52 | 1.59 |
| 008 Kenai | 001 | I01 | 6 | 8. | 8. | 9. | 9. | 11. | 36. | 36. | 36. | 36. | 14. | 10.91 | 11.70 | 1.75 |
| 008 Seward Ed | 002 | I01 | 3 | 20. | 20. | 20. | 46. | 53. | 53. | 53. | 53. | 53. | | | | |
| 009 Fairbanks | 001 | P01 | 8 | 42. | 42. | 45. | 45. | 53. | 122. | 122. | 122. | 122. | 58. | 26.74 | 54.42 | 1.43 |
| | 011 | G01 | 14 | 7. | 23. | 32. | 35. | 52. | 62. | 74. | 74. | 74. | 41. | 18.42 | 36.18 | 1.81 |
| 009 Fairbanks Ed | 004 | G03 | 12 | 4. | 7. | 10. | 10. | 17. | 17. | 25. | 25. | 25. | 13. | 5.87 | 11.77 | 1.66 |
| | 005 | G01 | 13 | 2. | 8. | 11. | 18. | 28. | 29. | 35. | 35. | 35. | 18. | 9.57 | 15.19 | 2.13 |
| | 007 | G02 | 6 | 2. | 2. | 5. | 6. | 7. | 56. | 56. | 56. | 56. | 14. | 20.81 | 7.22 | 3.00 |
| 011 Juneau | 002 | F01 | 13 | 14. | 14. | 16. | 20. | 47. | 163. | 264. | 264. | 264. | 57. | 75.38 | 32.78 | 2.70 |
| 011 Ketchikan | 001 | F01 | 14 | 12. | 17. | 23. | 35. | 48. | 89. | 97. | 97. | 97. | 44. | 29.04 | 36.02 | 1.97 |
| 011 Ketchikan Ed | 002 | F02 | 12 | 16. | 20. | 33. | 42. | 78. | 103. | 123. | 123. | 123. | 58. | 34.98 | 47.93 | 1.98 |
| 011 Sitka | 001 | F01 | 16 | 17. | 24. | 28. | 41. | 57. | 396. | 741. | 741. | 741. | 110. | 191.35 | 54.78 | 2.76 |
| 011 Sitka Ed | 002 | F02 | 15 | 7. | 13. | 20. | 26. | 33. | 37. | 63. | 63. | 63. | 27. | 13.09 | 24.14 | 1.67 |
| 011 Wrangell-Petersburg Ed | 002 | F02 | 10 | 20. | 20. | 30. | 39. | 53. | 70. | 167. | 167. | 167. | 54. | 42.53 | 44.42 | 1.81 |
| **ARIZONA** | | | | | | | | | | | | | | | | |
| 012 Cochise Co | 004 | F02 | 14 | 14. | 18. | 42. | 54. | 60. | 99. | 118. | 118. | 118. | 55. | 31.03 | 45.56 | 1.94 |
| | 005 | F02 | 14 | 23. | 24. | 62. | 67. | 103. | 160. | 162. | 162. | 162. | 85. | 50.54 | 70.08 | 1.99 |
| 012 Greenlee Co | 001 | F02 | 13 | 26. | 31. | 35. | 63. | 73. | 151. | 413. | 413. | 413. | 86. | 103.45 | 61.00 | 2.11 |
| 012 Safford | 001 | F01 | 14 | 44. | 71. | 103. | 121. | 136. | 176. | 204. | 204. | 204. | 121. | 42.45 | 113.31 | 1.49 |
| 012 Sierra Vista | 001 | F01 | 15 | 22. | 32. | 47. | 57. | 58. | 81. | 122. | 122. | 122. | 58. | 23.62 | 53.99 | 1.50 |
| 013 Kingman | 001 | F01 | 12 | 24. | 27. | 47. | 49. | 70. | 84. | 141. | 141. | 141. | 59. | 31.79 | 52.98 | 1.63 |
| 013 Mohave Co | 006 | F02 | 14 | 12. | 13. | 25. | 26. | 35. | 121. | 142. | 142. | 142. | 44. | 40.76 | 32.26 | 2.14 |
| | 013 | F01 | 15 | 7. | 9. | 17. | 25. | 35. | 74. | 96. | 96. | 96. | 33. | 24.91 | 25.31 | 2.09 |
| 013 Yuma | 002 | F01 | 15 | 32. | 42. | 94. | 129. | 160. | 388. | 666. | 666. | 666. | 184. | 168.72 | 134.37 | 2.24 |
| 014 Apache Co | 005 | F01 | 14 | 34. | 42. | 55. | 59. | 68. | 82. | 146. | 146. | 146. | 66. | 26.17 | 61.97 | 1.39 |
| 014 Coconino Co | 004 | F02 | 11 | 25. | 30. | 41. | 58. | 90. | 127. | 128. | 128. | 128. | 70. | 38.82 | 60.31 | 1.80 |
| | 004 | F03 | 4 | 25. | 25. | 31. | 31. | 38. | 71. | 71. | 71. | 71. | | | | |
| 014 Flagstaff | 001 | F01 | 12 | 28. | 30. | 44. | 75. | 90. | 135. | 199. | 199. | 199. | 81. | 48.60 | 69.40 | 1.80 |
| 014 Navajo Co | 007 | F01 | 15 | 12. | 21. | 28. | 38. | 86. | 141. | 170. | 170. | 170. | 62. | 47.24 | 47.37 | 2.15 |
| 014 Prescott | 001 | F01 | 15 | 16. | 17. | 32. | 60. | 88. | 139. | 140. | 140. | 140. | 65. | 40.79 | 52.55 | 2.01 |
| 014 Yavapai Co | 001 | F02 | 15 | 20. | 20. | 33. | 44. | 79. | 91. | 93. | 93. | 93. | 54. | 27.70 | 47.32 | 1.74 |
| | 002 | F03 | 14 | 8. | 9. | 14. | 16. | 25. | 86. | 103. | 103. | 103. | 27. | 29.32 | 19.44 | 2.17 |
| 015 Ajo | 001 | F02 | 9 | 42. | 42. | 71. | 104. | 123. | 132. | 132. | 132. | 132. | 93. | 32.92 | 87.12 | 1.50 |
| 015 Casa Grande | 001 | F01 | 11 | 70. | 90. | 125. | 169. | 190. | 210. | 225. | 225. | 225. | 154. | 51.75 | 144.57 | 1.46 |
| 015 Chandler | 001 | G01 | 13 | 51. | 55. | 95. | 136. | 163. | 209. | 245. | 245. | 245. | 131. | 58.82 | 118.73 | 1.62 |
| 015 Gila Co | 001 | F02 | 15 | 60. | 101. | 193. | 208. | 228. | 468. | 572. | 572. | 572. | 248. | 143.88 | 212.92 | 1.79 |
| | 003 | F02 | 5 | 14. | 14. | 24. | 37. | 62. | 93. | 93. | 93. | 93. | | | | |
| 015 Glendale | 001 | G01 | 5 | 59. | 59. | 69. | 110. | 115. | 152. | 152. | 152. | 152. | | | | |
| 015 Maricopa Co | 006 | G01 | 14 | 20. | 24. | 28. | 36. | 44. | 132. | 138. | 138. | 138. | 49. | 37.71 | 40.80 | 1.79 |
| | 007 | G01 | 15 | 18. | 66. | 119. | 127. | 157. | 342. | 346. | 346. | 346. | 157. | 93.47 | 129.22 | 2.06 |
| | 008 | G01 | 14 | 39. | 124. | 171. | 177. | 261. | 300. | 308. | 308. | 308. | 197. | 75.70 | 178.40 | 1.69 |
| | 009 | G01 | 14 | 54. | 70. | 110. | 122. | 187. | 311. | 379. | 379. | 379. | 164. | 97.32 | 139.99 | 1.78 |
| 015 Mesa | 002 | G01 | 15 | 62. | 76. | 94. | 112. | 129. | 217. | 235. | 235. | 235. | 127. | 54.73 | 117.07 | 1.50 |
| 015 Miami | 902 | F02 | 5 | 20. | 20. | 31. | 68. | 79. | 101. | 101. | 101. | 101. | | | | |
| 015 Nogales | 002 | F01 | 2 | 166. | 166. | 166. | 166. | 506. | 506. | 506. | 506. | 506. | | | | |
| 015 Paradise Valley | 002 | G01 | 12 | 94. | 113. | 148. | 153. | 209. | 279. | 842. | 842. | 842. | 224. | 201.94 | 183.64 | 1.78 |
| 015 Phoenix | 002 | G01 | 14 | 80. | 87. | 102. | 115. | 169. | 197. | 205. | 205. | 205. | 137. | 44.20 | 130.06 | 1.39 |
| | 004 | G01 | 11 | 50. | 59. | 92. | 114. | 147. | 199. | 208. | 208. | 208. | 122. | 55.20 | 110.32 | 1.61 |
| | 010 | G01 | 4 | 105. | 105. | 218. | 218. | 262. | 338. | 338. | 338. | 338. | | | | |
| | 011 | G01 | 15 | 99. | 112. | 134. | 212. | 255. | 325. | 375. | 375. | 375. | 208. | 82.95 | 192.57 | 1.51 |
| | 013 | G01 | 9 | 47. | 47. | 111. | 157. | 173. | 214. | 214. | 214. | 214. | 139. | 52.49 | 127.6 | 1.60 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ARIZONA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 014 | F01 | 15 | 100. | 114. | 127. | 189. | 222. | 263. | 276. | 276. | 276. | 182. | 59.16 | 173.30 | 1.40 |
| 015 Pima Co | 005 | F03 | 12 | 7. | 10. | 21. | 22. | 30. | 51. | 55. | 55. | 55. | 26. | 14.77 | 22.21 | 1.86 |
|  | 007 | G01 | 13 | 21. | 23. | 40. | 62. | 69. | 81. | 96. | 96. | 96. | 57. | 21.96 | 51.91 | 1.59 |
|  | 009 | F02 | 15 | 29. | 29. | 51. | 76. | 96. | 125. | 137. | 137. | 137. | 78. | 35.07 | 70.23 | 1.66 |
|  | 010 | F02 | 15 | 28. | 41. | 65. | 90. | 104. | 130. | 145. | 145. | 145. | 86. | 33.85 | 79.25 | 1.57 |
|  | 011 | G01 | 12 | 47. | 52. | 72. | 76. | 98. | 117. | 126. | 126. | 126. | 86. | 25.73 | 82.11 | 1.37 |
|  | 012 | G01 | 13 | 24. | 24. | 36. | 58. | 65. | 77. | 87. | 87. | 87. | 53. | 19.80 | 48.90 | 1.52 |
| 015 Pinal Co | 001 | F01 | 8 | 40. | 40. | 53. | 70. | 125. | 200. | 200. | 200. | 200. | 100. | 55.75 | 86.57 | 1.79 |
|  | 003 | F02 | 15 | 30. | 40. | 78. | 81. | 94. | 118. | 130. | 130. | 130. | 80. | 27.11 | 75.00 | 1.49 |
| 015 Scottsdale | 003 | G01 | 15 | 22. | 49. | 88. | 105. | 122. | 184. | 201. | 201. | 201. | 106. | 47.09 | 94.54 | 1.73 |
|  | 004 | G01 | 14 | 42. | 46. | 91. | 109. | 161. | 187. | 295. | 295. | 295. | 132. | 67.38 | 115.88 | 1.73 |
| 015 South Tucson | 001 | G01 | 13 | 26. | 58. | 61. | 92. | 106. | 108. | 135. | 135. | 135. | 86. | 28.80 | 79.91 | 1.53 |
| 015 Sun City | 002 | G01 | 13 | 40. | 44. | 63. | 86. | 134. | 153. | 193. | 193. | 193. | 99. | 47.17 | 88.25 | 1.65 |
| 015 Superior | 003 | F01 | 12 | 33. | 36. | 50. | 60. | 72. | 127. | 151. | 151. | 151. | 71. | 36.23 | 64.24 | 1.59 |
| 015 Tucson | 002 | G01 | 45 | 20. | 42. | 57. | 81. | 96. | 106. | 126. | 135. | 135. | 76. | 28.00 | 70.50 | 1.52 |
|  | 005 | G01 | 12 | 18. | 19. | 52. | 74. | 85. | 102. | 108. | 108. | 108. | 67. | 30.50 | 58.25 | 1.86 |
|  | 006 | G01 | 13 | 11. | 27. | 39. | 60. | 70. | 78. | 84. | 84. | 84. | 55. | 21.66 | 48.89 | 1.75 |
|  | 007 | G01 | 13 | 37. | 48. | 72. | 87. | 93. | 120. | 201. | 201. | 201. | 89. | 39.64 | 82.33 | 1.50 |
|  | 008 | G01 | 13 | 13. | 33. | 47. | 75. | 78. | 97. | 97. | 97. | 97. | 67. | 25.39 | 60.07 | 1.75 |
|  | 009 | G01 | 13 | 26. | 54. | 73. | 79. | 98. | 108. | 165. | 165. | 165. | 85. | 32.50 | 79.27 | 1.54 |
|  | 010 | G01 | 13 | 14. | 29. | 53. | 56. | 76. | 78. | 88. | 88. | 88. | 56. | 21.44 | 51.23 | 1.66 |
|  | 012 | G01 | 13 | 70. | 99. | 139. | 179. | 198. | 234. | 266. | 266. | 266. | 168. | 56.06 | 158.77 | 1.46 |
|  | 013 | G01 | 13 | 29. | 38. | 58. | 65. | 83. | 91. | 107. | 107. | 107. | 67. | 22.80 | 63.00 | 1.46 |
| **ARKANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 016 Arkadelphia | 001 | F01 | 14 | 110. | 180. | 310. | 350. | 540. | 590. | 1140. | 1140. | 1140. | 431. | 261.21 | 365.87 | 1.84 |
| 016 Conway | 001 | F01 | 14 | 160. | 340. | 560. | 620. | 790. | 980. | 1020. | 1020. | 1020. | 640. | 248.78 | 582.10 | 1.64 |
| 016 Dumas | 001 | F05 | 13 | 280. | 310. | 600. | 710. | 1000. | 1440. | 1990. | 1990. | 1990. | 855. | 474.05 | 744.66 | 1.74 |
| 016 England | 001 | F05 | 2 | 280. | 280. | 280. | 280. | 350. | 350. | 350. | 350. | 350. |  |  |  |  |
| 016 Hot Springs | 001 | F01 | 14 | 180. | 180. | 400. | 440. | 550. | 740. | 1000. | 1000. | 1000. | 482. | 226.96 | 431.18 | 1.67 |
| 016 Jacksonville | 001 | F01 | 13 | 220. | 250. | 330. | 370. | 530. | 620. | 800. | 800. | 800. | 425. | 165.71 | 397.46 | 1.46 |
| 016 Jefferson Co | 001 | F05 | 12 | 150. | 180. | 250. | 330. | 460. | 770. | 800. | 800. | 800. | 395. | 217.53 | 344.99 | 1.72 |
|  | 002 | F05 | 13 | 150. | 180. | 240. | 310. | 400. | 720. | 970. | 970. | 970. | 379. | 238.17 | 327.11 | 1.72 |
|  | 003 | F05 | 11 | 60. | 170. | 200. | 330. | 450. | 1510. | 2630. | 2630. | 2630. | 605. | 777.41 | 352.06 | 2.84 |
| 016 Little Rock | 001 | P01 | 7 | 18. | 18. | 54. | 65. | 66. | 86. | 86. | 86. | 86. | 59. | 21.67 | 53.80 | 1.69 |
|  | 003 | F01 | 12 | 110. | 290. | 420. | 550. | 680. | 760. | 870. | 870. | 870. | 524. | 220.64 | 465.99 | 1.77 |
| 016 Mountain Home | 001 | F01 | 15 | 170. | 210. | 410. | 530. | 660. | 810. | 850. | 850. | 850. | 522. | 209.39 | 475.51 | 1.61 |
| 016 North Little Rock | 001 | F01 | 13 | 330. | 390. | 610. | 660. | 840. | 940. | 1300. | 1300. | 1300. | 695. | 258.93 | 651.74 | 1.46 |
| 016 Pine Bluff | 001 | F05 | 13 | 250. | 260. | 440. | 570. | 790. | 1190. | 1510. | 1510. | 1510. | 658. | 370.16 | 571.55 | 1.74 |
|  | 002 | F05 | 14 | 80. | 170. | 320. | 380. | 440. | 820. | 1090. | 1090. | 1090. | 439. | 259.84 | 370.94 | 1.90 |
|  | 005 | F01 | 12 | 240. | 240. | 360. | 390. | 620. | 790. | 1040. | 1040. | 1040. | 493. | 240.16 | 447.14 | 1.58 |
| 016 Russellville | 002 | F01 | 13 | 150. | 310. | 380. | 690. | 770. | 830. | 870. | 870. | 870. | 604. | 231.07 | 546.25 | 1.68 |
| 016 Saline Co | 001 | F01 | 13 | 220. | 270. | 530. | 650. | 880. | 1290. | 1830. | 1830. | 1830. | 762. | 452.64 | 645.10 | 1.85 |
| 017 Fayetteville | 003 | F01 | 15 | 230. | 380. | 460. | 540. | 780. | 1050. | 1160. | 1160. | 1160. | 633. | 258.50 | 584.00 | 1.53 |
| 017 Fort Smith | 004 | F05 | 14 | 110. | 210. | 330. | 340. | 380. | 550. | 640. | 640. | 640. | 355. | 131.78 | 329.63 | 1.53 |
|  | 005 | F05 | 14 | 200. | 390. | 600. | 610. | 770. | 1060. | 1370. | 1370. | 1370. | 690. | 297.66 | 628.14 | 1.60 |
|  | 006 | F05 | 13 | 160. | 340. | 380. | 530. | 590. | 700. | 730. | 730. | 730. | 488. | 166.09 | 455.76 | 1.51 |
|  | 007 | F05 | 13 | 150. | 310. | 360. | 410. | 460. | 690. | 860. | 860. | 860. | 442. | 176.16 | 409.96 | 1.51 |
|  | 008 | F01 | 14 | 160. | 400. | 540. | 620. | 880. | 980. | 1000. | 1000. | 1000. | 665. | 253.79 | 606.87 | 1.63 |
| 017 Rogers | 001 | F01 | 15 | 180. | 370. | 460. | 500. | 550. | 720. | 1090. | 1090. | 1090. | 537. | 203.35 | 502.34 | 1.48 |
| 017 Springdale | 001 | F01 | 15 | 260. | 430. | 610. | 680. | 810. | 1030. | 1180. | 1180. | 1180. | 712. | 247.10 | 667.65 | 1.48 |
| 017 Van Buren | 001 | F05 | 12 | 40. | 160. | 290. | 390. | 420. | 470. | 860. | 860. | 860. | 375. | 200.75 | 309.73 | 2.15 |
| 018 Earle | 001 | F01 | 13 | 380. | 380. | 470. | 730. | 830. | 900. | 1030. | 1030. | 1030. | 668. | 209.65 | 635.74 | 1.39 |
| 018 West Memphis | 001 | F01 | 13 | 210. | 230. | 430. | 540. | 920. | 1040. | 1130. | 1130. | 1130. | 632. | 301.36 | 560.26 | 1.71 |
|  | 001 | P01 | 8 | 34. | 34. | 84. | 107. | 133. | 198. | 198. | 198. | 198. | 115. | 57.59 | 100.08 | 1.81 |
|  | 002 | F01 | 13 | 220. | 330. | 390. | 440. | 600. | 680. | 880. | 880. | 880. | 488. | 174.46 | 460.04 | 1.43 |
| 019 Camden | 001 | F01 | 14 | 80. | 160. | 260. | 330. | 470. | 740. | 1260. | 1260. | 1260. | 425. | 307.56 | 338.53 | 2.05 |
| 019 Crossett | 002 | [illegible] | 15 | 210. | 310. | 510. | 560. | 700. | 1510. | 1930. | 1930. | 1930. | 704. | 449.63 | 606.42 | 1.73 |
| 019 El Dorado | 002 | [illegible] | 15 | 130. | 170. | 360. | 480. | 600. | 710. | 1530. | 1530. | 1530. | 505. | 329.80 | 428.09 | 1.82 |
| 020 Blytheville | 001 | [illegible] | 15 | 240. | 270. | 530. | 640. | 730. | 1020. | 1080. | 1080. | 1080. | 646. | 251.70 | 593.34 | 1.57 |
| 020 Forrest City | 001 | F01 | 13 | 240. | 350. | 520. | 620. | 950. | 1100. | 1330. | 1330. | 1330. | 692. | 319.71 | 622.28 | 1.64 |
| 020 Helena | 001 | F01 | 11 | 280. | 400. | 590. | 900. | 960. | 1390. | 1690. | 1690. | 1690. | 885. | 447.42 | 777.08 | 1.75 |
| 020 Jonesboro | 001 | F01 | 15 | 200. | 340. | 530. | 720. | 790. | 950. | 1150. | 1150. | 1150. | 662. | 254.11 | 607.77 | 1.58 |
| 020 Paragould | 004 | F01 | 15 | 150. | 230. | 380. | 510. | 590. | 690. | 800. | 800. | 800. | 491. | 182.28 | 452.45 | 1.57 |
| 020 Sharp Co | 001 | F01 | 15 | 110. | 250. | 410. | 430. | 460. | 560. | 640. | 640. | 640. | 408. | 131.16 | 380.81 | 1.54 |
| 020 Stuttgart | 001 | F01 | 13 | 400. | 550. | 630. | 780. | 1300. | 1630. | 1970. | 1970. | 1970. | 948. | 468.49 | 856.61 | 1.59 |
|  | 004 | F05 | 12 | 200. | 250. | 790. | 1090. | 1270. | 1780. | 2380. | 2380. | 2380. | 1101. | 627.50 | 897.43 | 2.11 |
|  | 005 | F05 | 12 | 440. | 610. | 980. | 1110. | 1660. | 1930. | 2450. | 2450. | 2450. | 1279. | 582.95 | 152.83 | 1.64 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ARKANSAS — Cont.** | | | | | | | | | | | | | | | | |
| | 006 | F05 | 13 | 180. | 310. | 390. | 500. | 810. | 930. | 1140. | 1140. | 1140. | 577. | 278.67 | 515.63 | 1.66 |
| | 008 | F05 | 14 | 110. | 150. | 270. | 280. | 370. | 700. | 740. | 740. | 740. | 343. | 182.35 | 303.38 | 1.68 |
| 021 Harrison | 001 | F01 | 14 | 230. | 320. | 460. | 630. | 730. | 830. | 1370. | 1370. | 1370. | 634. | 282.24 | 579.27 | 1.57 |
| 021 Montgomery Co | 001 | P03 | 3 | 16. | 16. | 16. | 38. | 42. | 42. | 42. | 42. | 42. | | | | |
| 022 Hope | 002 | F01 | 14 | 150. | 320. | 340. | 610. | 780. | 1140. | 1940. | 1940. | 1940. | 687. | 453.86 | 569.69 | 1.91 |
| | 003 | F05 | 15 | 100. | 170. | 400. | 480. | 530. | 720. | 1760. | 1760. | 1760. | 511. | 384.96 | 415.25 | 1.96 |
| 022 Magnolia | 001 | F01 | 15 | 110. | 170. | 380. | 510. | 620. | 810. | 2050. | 2050. | 2050. | 567. | 455.81 | 449.34 | 2.04 |
| 022 Texarkana | 001 | P01 | 6 | 13. | 13. | 45. | 50. | 66. | 103. | 103. | 103. | 103. | 55. | 29.26 | 46.66 | 1.99 |
| | 002 | F01 | 14 | 140. | 240. | 420. | 430. | 530. | 610. | 1650. | 1650. | 1650. | 501. | 358.06 | 426.03 | 1.76 |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 Anaheim | 001 | I01 | 15 | 32. | 38. | 60. | 82. | 119. | 155. | 209. | 209. | 209. | 91. | 49.43 | 79.16 | 1.73 |
| 024 Azusa | 002 | I01 | 16 | 34. | 43. | 69. | 88. | 114. | 170. | 213. | 213. | 213. | 100. | 46.67 | 90.06 | 1.61 |
| 024 Camarillo | 001 | I01 | 15 | 32. | 35. | 60. | 70. | 99. | 109. | 109. | 109. | 109. | 74. | 27.89 | 68.50 | 1.54 |
| 024 Costa Mesa | 001 | I01 | 15 | 34. | 35. | 41. | 66. | 86. | 126. | 168. | 168. | 168. | 76. | 39.02 | 67.26 | 1.66 |
| 024 El Toro | 001 | I01 | 15 | 19. | 26. | 39. | 60. | 78. | 114. | 117. | 117. | 117. | 61. | 30.89 | 53.53 | 1.75 |
| 024 La Habra | 001 | I01 | 15 | 37. | 42. | 75. | 122. | 141. | 180. | 214. | 214. | 214. | 114. | 50.67 | 102.36 | 1.67 |
| 024 Lennox | 001 | I01 | 16 | 42. | 46. | 72. | 82. | 120. | 140. | 181. | 181. | 181. | 95. | 37.71 | 87.80 | 1.50 |
| 024 Los Angeles | 001 | I01 | 16 | 44. | 49. | 73. | 86. | 112. | 166. | 194. | 194. | 194. | 99. | 43.57 | 90.83 | 1.54 |
| 024 Ojai | 001 | I01 | 15 | 46. | 48. | 70. | 81. | 92. | 121. | 123. | 123. | 123. | 83. | 25.15 | 78.95 | 1.38 |
| 024 Pasadena | 004 | I01 | 16 | 24. | 28. | 65. | 74. | 88. | 160. | 179. | 179. | 179. | 81. | 41.43 | 71.06 | 1.71 |
| 024 Point Mugu | 001 | I01 | 15 | 29. | 31. | 43. | 47. | 58. | 92. | 103. | 103. | 103. | 56. | 22.80 | 52.05 | 1.47 |
| 024 Port Hueneme | 001 | I01 | 14 | 68. | 71. | 78. | 80. | 107. | 124. | 140. | 140. | 140. | 95. | 22.42 | 92.41 | 1.26 |
| 024 Riverside | 003 | F01 | 13 | 46. | 47. | 65. | 88. | 113. | 195. | 272. | 272. | 272. | 109. | 69.17 | 93.14 | 1.76 |
| 024 Rubidoux | 001 | I01 | 13 | 20. | 43. | 52. | 94. | 169. | 196. | 297. | 297. | 297. | 114. | 80.23 | 88.60 | 2.15 |
| 024 San Bernardino | 001 | I01 | 15 | 13. | 27. | 42. | 68. | 75. | 246. | 261. | 261. | 261. | 89. | 76.68 | 64.80 | 2.26 |
| 024 Santa Barbara | 004 | F01 | 14 | 39. | 40. | 51. | 57. | 77. | 95. | 103. | 103. | 103. | 64. | 20.96 | 60.63 | 1.39 |
| 024 Santa Paula | 001 | I01 | 15 | 44. | 46. | 71. | 85. | 90. | 99. | 108. | 108. | 108. | 79. | 18.89 | 76.69 | 1.31 |
| 024 Simi Valley | 001 | I01 | 14 | 39. | 40. | 72. | 83. | 102. | 124. | 125. | 125. | 125. | 84. | 30.59 | 78.20 | 1.51 |
| 024 Thousand Oaks | 001 | I01 | 14 | 36. | 42. | 72. | 86. | 105. | 112. | 123. | 123. | 123. | 85. | 26.82 | 80.06 | 1.46 |
| 025 Monterey | 001 | I01 | 7 | 7. | 7. | 23. | 29. | 31. | 32. | 32. | 32. | 32. | 24. | 9.97 | 21.69 | 1.79 |
| 025 Monterey Co | 001 | I01 | 7 | 10. | 10. | 18. | 29. | 40. | 56. | 56. | 56. | 56. | 30. | 16.93 | 25.77 | 1.88 |
| 025 Salinas | 001 | I01 | 15 | 32. | 48. | 67. | 72. | 76. | 116. | 147. | 147. | 147. | 77. | 28.25 | 72.05 | 1.44 |
| 025 Santa Cruz Co | 001 | I01 | 8 | 20. | 20. | 33. | 39. | 44. | 59. | 59. | 59. | 59. | 38. | 12.90 | 36.31 | 1.45 |
| 026 Arcata | 002 | I01 | 11 | 15. | 17. | 44. | 48. | 58. | 70. | 77. | 77. | 77. | 46. | 21.43 | 40.72 | 1.79 |
| 026 Crescent City | 001 | I01 | 5 | 36. | 36. | 44. | 57. | 61. | 70. | 70. | 70. | 70. | 54. | 13.58 | 52.14 | 1.31 |
| 026 Eureka | 002 | F01 | 15 | 12. | 13. | 33. | 62. | 70. | 103. | 135. | 135. | 135. | 60. | 36.69 | 48.13 | 2.15 |
| | 003 | I02 | 15 | 10. | 10. | 28. | 63. | 82. | 119. | 120. | 120. | 120. | 60. | 37.41 | 45.89 | 2.37 |
| 026 Fort Bragg | 001 | I02 | 14 | 16. | 25. | 47. | 71. | 94. | 292. | 430. | 430. | 430. | 111. | 115.03 | 76.26 | 2.41 |
| 027 Alturas | 001 | I01 | 4 | 29. | 29. | 121. | 121. | 156. | 169. | 169. | 169. | 169. | | | | |
| 027 Anderson | 001 | I01 | 13 | 17. | 18. | 23. | 30. | 49. | 62. | 99. | 99. | 99. | 39. | 23.31 | 33.85 | 1.72 |
| 027 Susanville | 001 | I01 | 10 | 18. | 18. | 30. | 36. | 68. | 76. | 116. | 116. | 116. | 53. | 30.77 | 45.48 | 1.83 |
| 027 Yreka City | 001 | I01 | 12 | 25. | 29. | 38. | 45. | 57. | 86. | 127. | 127. | 127. | 54. | 28.55 | 48.41 | 1.59 |
| 028 Chico | 001 | F01 | 15 | 13. | 22. | 29. | 44. | 60. | 106. | 126. | 126. | 126. | 53. | 32.95 | 44.65 | 1.89 |
| 028 Davis | 001 | I01 | 14 | 17. | 25. | 32. | 37. | 56. | 73. | 83. | 83. | 83. | 46. | 19.68 | 41.62 | 1.57 |
| 028 Redding | 002 | F01 | 14 | 21. | 21. | 28. | 39. | 50. | 65. | 94. | 94. | 94. | 43. | 20.89 | 38.38 | 1.60 |
| | 004 | I01 | 14 | 12. | 12. | 19. | 23. | 32. | 49. | 104. | 104. | 104. | 33. | 24.07 | 27.29 | 1.83 |
| 028 Sacramento | 003 | F01 | 14 | 21. | 31. | 38. | 44. | 57. | 104. | 113. | 113. | 113. | 54. | 27.78 | 48.17 | 1.61 |
| 028 Yuba City | 001 | F01 | 15 | 18. | 23. | 28. | 40. | 60. | 88. | 103. | 103. | 103. | 46. | 25.95 | 40.51 | 1.71 |
| 029 Chula Vista | 001 | I01 | 15 | 28. | 29. | 48. | 67. | 79. | 97. | 107. | 107. | 107. | 65. | 23.79 | 60.25 | 1.50 |
| 029 El Cajon | 002 | I01 | 14 | 46. | 54. | 63. | 78. | 87. | 114. | 151. | 151. | 151. | 83. | 28.72 | 78.53 | 1.39 |
| 029 Escondido | 002 | I01 | 14 | 37. | 39. | 62. | 78. | 87. | 150. | 175. | 175. | 175. | 84. | 39.64 | 76.03 | 1.58 |
| 029 Oceanside | 003 | I01 | 13 | 40. | 47. | 72. | 84. | 98. | 105. | 171. | 171. | 171. | 86. | 32.16 | 81.20 | 1.44 |
| 029 San Diego | 004 | I01 | 14 | 52. | 59. | 70. | 90. | 102. | 121. | 153. | 153. | 153. | 89. | 28.19 | 85.11 | 1.37 |
| 030 Burlingame | 002 | I01 | 14 | 20. | 22. | 25. | 29. | 42. | 68. | 86. | 86. | 86. | 39. | 20.28 | 35.12 | 1.60 |
| 030 Concord | 001 | I01 | 14 | 15. | 16. | 19. | 25. | 42. | 60. | 125. | 125. | 125. | 37. | 29.24 | 30.26 | 1.85 |
| 030 Fremont | 001 | I01 | 14 | 14. | 18. | 28. | 36. | 60. | 82. | 136. | 136. | 136. | 49. | 32.63 | 41.21 | 1.87 |
| 030 Livermore | 002 | I01 | 14 | 25. | 39. | 50. | 78. | 98. | 134. | 155. | 155. | 155. | 79. | 38.10 | 70.34 | 1.71 |
| 030 Napa | 003 | I01 | 14 | 24. | 25. | 36. | 61. | 71. | 99. | 107. | 107. | 107. | 59. | 28.29 | 52.58 | 1.68 |
| 030 Pittsburg | 001 | I01 | 13 | 13. | 19. | 21. | 33. | 45. | 74. | 180. | 180. | 180. | 46. | 44.14 | 35.09 | 2.00 |
| 030 Redwood City | 001 | I01 | 14 | 19. | 26. | 38. | 39. | 61. | 73. | 76. | 76. | 76. | 47. | 18.73 | 43.43 | 1.53 |
| 030 Richmond | 003 | I01 | 14 | 23. | 23. | 30. | 35. | 44. | 67. | 68. | 68. | 68. | 41. | 15.50 | 38.70 | 1.45 |
| 030 San Francisco | 003 | I01 | 13 | 25. | 29. | 34. | 38. | 57. | 71. | 76. | 76. | 76. | 45. | 16.79 | 42.02 | 1.42 |
| 030 San Jose | 004 | I01 | 14 | 21. | 29. | 50. | 55. | 61. | 112. | 114. | 114. | 114. | 60. | 28.80 | 53.78 | 1.63 |
| 030 San Rafael | 001 | I01 | 13 | 25. | 30. | 38. | 42. | 47. | 73. | 87. | 87. | 87. | 48. | 18.59 | 44.67 | 1.44 |
| 030 Santa Rosa | 002 | I01 | 14 | 17. | 19. | 22. | 25. | 35. | 58. | 70. | 70. | 70. | 34. | 16.89 | 30.99 | 1.58 |
| 030 Sunnyvale | 001 | I01 | 14 | 15. | 21. | 27. | 34. | 44. | 75. | 88. | 88. | 88. | 41. | 22.29 | 36.32 | 1.70 |
| 030 Vallejo | 003 | I01 | 14 | 27. | 31. | 38. | 43. | 55. | 79. | 106. | 106. | 106. | 51. | 22.52 | 47.46 | 1.49 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **CALIFORNIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 031 Bakersfield | 003 | F01 | 15 | 52. | 72. | 106. | 136. | 153. | 250. | 278. | 278. | 278. | 139. | 61.94 | 126.71 | 1.55 |
| 031 Corcoran | 001 | I01 | 5 | 48. | 48. | 95. | 108. | 114. | 153. | 153. | 153. | 153. |  |  |  |  |
| 031 Fresno | 002 | F01 | 9 | 60. | 60. | 78. | 101. | 119. | 243. | 243. | 243. | 243. | 114. | 54.52 | 104.64 | 1.51 |
| 031 Fresno Co | 001 | I01 | 12 | 26. | 35. | 39. | 65. | 96. | 108. | 129. | 129. | 129. | 71. | 33.75 | 63.04 | 1.70 |
|  | 002 | I01 | 15 | 14. | 21. | 31. | 41. | 66. | 114. | 275. | 275. | 275. | 64. | 64.91 | 47.00 | 2.14 |
| 031 Kern Co | 001 | I03 | 5 | 18. | 18. | 40. | 60. | 65. | 95. | 95. | 95. | 95. | 56. | 29.04 | 48.47 | 1.90 |
|  | 002 | I01 | 15 | 7. | 12. | 30. | 37. | 48. | 71. | 74. | 74. | 74. | 39. | 21.69 | 32.77 | 2.00 |
| 031 Los Banos | 001 | I01 | 14 | 33. | 38. | 49. | 66. | 76. | 108. | 146. | 146. | 146. | 70. | 32.47 | 63.61 | 1.56 |
| 031 Madera | 001 | I01 | 7 | 53. | 53. | 57. | 58. | 80. | 249. | 249. | 249. | 249. | 93. | 70.67 | 79.41 | 1.74 |
| 031 Merced | 001 | I01 | 14 | 29. | 32. | 41. | 47. | 73. | 96. | 113. | 113. | 113. | 59. | 26.00 | 54.01 | 1.54 |
| 031 Modesto | 001 | F01 | 14 | 40. | 43. | 57. | 79. | 102. | 135. | 140. | 140. | 140. | 85. | 34.48 | 78.55 | 1.53 |
| 031 Mojave | 001 | I01 | 15 | 17. | 21. | 43. | 51. | 55. | 90. | 164. | 164. | 164. | 57. | 35.37 | 49.19 | 1.74 |
| 031 Stockton | 002 | F01 | 10 | 28. | 28. | 60. | 65. | 82. | 138. | 143. | 143. | 143. | 82. | 37.45 | 73.93 | 1.63 |
| 031 Taft | 001 | I01 | 13 | 23. | 34. | 40. | 82. | 96. | 138. | 142. | 142. | 142. | 79. | 37.39 | 69.71 | 1.75 |
| 031 Visalia | 001 | F01 | 15 | 53. | 74. | 87. | 104. | 151. | 167. | 174. | 174. | 174. | 116. | 37.85 | 109.50 | 1.42 |
| 032 San Luis Obispo | 001 | F01 | 14 | 20. | 30. | 36. | 40. | 64. | 69. | 75. | 75. | 75. | 49. | 17.89 | 45.34 | 1.49 |
| 033 Indio | 001 | I01 | 15 | 63. | 65. | 95. | 116. | 163. | 244. | 293. | 293. | 293. | 142. | 70.29 | 127.29 | 1.63 |
| 033 Palm Springs | 001 | I01 | 15 | 20. | 22. | 31. | 50. | 57. | 78. | 80. | 80. | 80. | 49. | 20.34 | 44.41 | 1.59 |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 014 Cortez | 001 | F01 | 11 | 2. | 21. | 26. | 33. | 36. | 45. | 49. | 49. | 49. | 31. | 12.73 | 25.33 | 2.41 |
| 014 Durango | 003 | F01 | 19 | 19. | 22. | 40. | 67. | 87. | 114. | 144. | 144. | 144. | 68. | 37.07 | 57.46 | 1.87 |
| 014 La Plata Co | 001 | F03 | 17 | 15. | 15. | 21. | 24. | 32. | 77. | 82. | 82. | 82. | 32. | 20.72 | 27.60 | 1.72 |
| 014 Mesa Verde Nat Park | 002 | F03 | 11 | 1. | 2. | 3. | 5. | 5. | 23. | 25. | 25. | 25. | 7. | 8.43 | 4.51 | 2.67 |
|  | 003 | F03 | 22 | 4. | 4. | 6. | 8. | 11. | 18. | 31. | 49. | 49. | 12. | 10.29 | 9.13 | 1.88 |
| 034 La Junta | 001 | F01 | 20 | 19. | 24. | 32. | 52. | 74. | 98. | 102. | 201. | 201. | 62. | 41.38 | 51.83 | 1.82 |
| 034 Rocky Ford | 001 | F01 | 22 | 38. | 39. | 50. | 58. | 93. | 124. | 150. | 182. | 182. | 76. | 38.52 | 68.18 | 1.57 |
| 035 Delta | 001 | F01 | 12 | 16. | 47. | 55. | 76. | 101. | 130. | 191. | 191. | 191. | 87. | 45.45 | 74.56 | 1.87 |
| 035 Eagle Co | 001 | F01 | 14 | 26. | 30. | 44. | 56. | 71. | 202. | 225. | 225. | 225. | 84. | 64.84 | 65.89 | 2.00 |
| 035 Garfield Co | 003 | F01 | 15 | 9. | 13. | 20. | 38. | 60. | 115. | 180. | 180. | 180. | 51. | 45.56 | 37.15 | 2.33 |
| 035 Glenwood Springs | 001 | F01 | 21 | 13. | 24. | 38. | 59. | 63. | 106. | 130. | 146. | 146. | 59. | 35.14 | 49.14 | 1.90 |
| 035 Mesa Co | 001 | F01 | 22 | 3. | 17. | 26. | 49. | 77. | 93. | 94. | 107. | 107. | 52. | 30.39 | 38.80 | 2.58 |
|  | 002 | F01 | 20 | 13. | 13. | 20. | 30. | 34. | 44. | 52. | 59. | 59. | 29. | 12.88 | 26.85 | 1.57 |
| 035 Montrose | 001 | F01 | 21 | 23. | 33. | 56. | 70. | 103. | 128. | 148. | 165. | 165. | 79. | 39.94 | 69.48 | 1.73 |
| 035 Pitkin Co | 001 | F01 | 15 | 1. | 1. | 3. | 4. | 7. | 22. | 35. | 35. | 35. | 8. | 9.90 | 4.22 | 3.64 |
| 036 Adams Co | 001 | F01 | 22 | 35. | 56. | 71. | 91. | 160. | 202. | 208. | 237. | 237. | 114. | 58.17 | 100.33 | 1.70 |
| 036 Arvada | 001 | F01 | 22 | 29. | 88. | 144. | 193. | 233. | 283. | 340. | 400. | 400. | 196. | 87.80 | 172.48 | 1.79 |
| 036 Aurora | 001 | F01 | 21 | 29. | 41. | 58. | 96. | 107. | 137. | 138. | 206. | 206. | 91. | 43.47 | 80.49 | 1.69 |
| 036 Boulder | 001 | F01 | 18 | 30. | 39. | 61. | 68. | 73. | 102. | 118. | 118. | 118. | 69. | 20.00 | 66.47 | 1.36 |
| 036 Brighton | 001 | F01 | 21 | 26. | 51. | 63. | 83. | 106. | 162. | 186. | 221. | 221. | 93. | 47.88 | 82.90 | 1.66 |
| 036 Clear Creek Co | 001 | F01 | 22 | 24. | 40. | 63. | 74. | 85. | 110. | 150. | 163. | 163. | 78. | 32.76 | 71.23 | 1.55 |
| 036 Denver | 001 | F01 | 18 | 35. | 51. | 115. | 132. | 162. | 195. | 251. | 251. | 251. | 136. | 52.08 | 124.29 | 1.61 |
|  | 001 | F01 | 3 | 98. | 98. | 98. | 118. | 120. | 120. | 120. | 120. | 120. |  |  |  |  |
|  | 002 | F01 | 15 | 50. | 160. | 189. | 218. | 297. | 369. | 397. | 397. | 397. | 242. | 95.46 | 218.91 | 1.67 |
|  | 003 | F01 | 19 | 41. | 56. | 96. | 122. | 153. | 320. | 405. | 405. | 405. | 145. | 90.20 | 124.68 | 1.75 |
|  | 004 | F01 | 20 | 34. | 56. | 99. | 151. | 186. | 228. | 252. | 263. | 263. | 148. | 67.28 | 130.20 | 1.75 |
|  | 006 | F01 | 20 | 21. | 31. | 55. | 78. | 103. | 116. | 125. | 664. | 664. | 106. | 134.90 | 77.64 | 2.02 |
|  | 007 | F01 | 20 | 44. | 45. | 88. | 104. | 119. | 143. | 240. | 256. | 256. | 112. | 55.48 | 100.34 | 1.61 |
|  | 009 | F01 | 19 | 53. | 57. | 84. | 98. | 143. | 212. | 230. | 230. | 230. | 116. | 52.56 | 105.69 | 1.56 |
| 036 Douglas Co | 001 | F01 | 17 | 21. | 34. | 78. | 92. | 113. | 145. | 168. | 168. | 168. | 95. | 42.00 | 84.02 | 1.74 |
| 036 Edgewater | 001 | F01 | 22 | 13. | 43. | 65. | 76. | 119. | 155. | 173. | 227. | 227. | 93. | 50.85 | 78.98 | 1.86 |
| 036 Englewood | 001 | F01 | 20 | 48. | 60. | 72. | 103. | 120. | 183. | 218. | 224. | 224. | 114. | 51.47 | 103.73 | 1.55 |
| 036 Golden | 001 | F01 | 22 | 41. | 49. | 54. | 65. | 94. | 144. | 167. | 189. | 189. | 82. | 40.56 | 74.53 | 1.54 |
| 036 Jefferson Co | 001 | F02 | 21 | 7. | 11. | 29. | 40. | 47. | 67. | 104. | 147. | 147. | 44. | 32.45 | 34.56 | 2.11 |
| 036 Lakewood | 001 | F01 | 21 | 6. | 25. | 51. | 70. | 95. | 142. | 183. | 186. | 186. | 84. | 50.12 | 66.54 | 2.22 |
| 036 Longmont | 001 | F01 | 12 | 31. | 58. | 81. | 88. | 116. | 154. | 157. | 157. | 157. | 98. | 37.15 | 90.70 | 1.57 |
| 036 Westminster | 002 | F01 | 20 | 29. | 34. | 52. | 60. | 69. | 122. | 149. | 188. | 188. | 74. | 40.00 | 65.77 | 1.60 |
| 037 Fort Collins | 001 | F01 | 22 | 34. | 40. | 49. | 55. | 77. | 98. | 99. | 171. | 171. | 65. | 30.44 | 60.25 | 1.47 |
| 037 Greeley | 003 | F01 | 16 | 27. | 31. | 41. | 50. | 75. | 119. | 135. | 135. | 135. | 63. | 32.19 | 56.50 | 1.63 |
|  | 004 | F01 | 19 | 16. | 32. | 57. | 108. | 136. | 151. | 204. | 204. | 204. | 101. | 49.89 | 85.91 | 1.90 |
| 037 Gunnison | 001 | F01 | 22 | 26. | 31. | 37. | 49. | 88. | 131. | 166. | 166. | 166. | 70. | 44.18 | 58.76 | 1.81 |
| 037 Larimer Co | 002 | F01 | 21 | 7. | 16. | 36. | 42. | 64. | 94. | 108. | 166. | 166. | 54. | 37.37 | 42.74 | 2.09 |
| 037 Littleton | 002 | F01 | 15 | 40. | 49. | 58. | 64. | 84. | 126. | 245. | 245. | 245. | 83. | 51.09 | 74.04 | 1.58 |
| 037 Sterling | 001 | F01 | 18 | 36. | 42. | 54. | 67. | 78. | 199. | 225. | 225. | 225. | 80. | 30.86 | 70.66 | 1.61 |
| 037 Weld Co | 002 | F01 | 19 | 24. | 30. | 47. | 55. | 76. | 107. | 115. | 115. | 115. | 61. | 25.89 | 56.31 | 1.55 |
|  | 003 | F01 | 20 | 23. | 43. | 68. | 87. | 104. | 157. | 204. | 243. | 243. | 98. | 53.14 | 85.67 | 1.71 |
|  | 004 | F01 | 18 | 40. | 54. | 88. | 96. | 114. | 146. | 388. | 388. | 388. | 111. | 74.34 | 97.90 | 1.61 |
|  | 005 | F01 | 20 | 58. | 73. | 109. | 161. | 182. | 280. | 310. | 979. | 979. | 206. | 195.24 | 164.30 | 1.87 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **COLORADO — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 038 Arapahoe Co | 001 | F01 | 21 | 27. | 42. | 55. | 78. | 101. | 126. | 127. | 322. | 322. | 89. | 60.90 | 76.18 | 1.71 |
| 038 Canon City | 001 | F01 | 22 | 32. | 45. | 47. | 69. | 100. | 134. | 152. | 419. | 419. | 91. | 80.04 | 74.55 | 1.77 |
| 038 Colorado Springs | 003 | F01 | 17 | 60. | 61. | 79. | 101. | 106. | 171. | 350. | 350. | 350. | 114. | 68.73 | 102.01 | 1.55 |
| 038 Florence | 001 | F01 | 17 | 55. | 63. | 80. | 85. | 103. | 118. | 157. | 157. | 157. | 92. | 25.42 | 88.74 | 1.31 |
| 038 Manitou Springs | 001 | F01 | 19 | 34. | 42. | 60. | 71. | 101. | 134. | 153. | 153. | 153. | 82. | 32.76 | 76.16 | 1.50 |
| 038 Pueblo | 001 | F01 | 22 | 54. | 73. | 96. | 107. | 139. | 166. | 174. | 184. | 184. | 116. | 35.98 | 110.65 | 1.38 |
|  | 003 | F01 | 22 | 48. | 85. | 100. | 120. | 158. | 191. | 198. | 274. | 274. | 133. | 52.19 | 123.64 | 1.49 |
| 038 Walsenburg | 001 | F01 | 16 | 22. | 24. | 33. | 40. | 70. | 86. | 102. | 102. | 102. | 54. | 24.99 | 48.23 | 1.62 |
| 039 Alamosa | 001 | F01 | 22 | 14. | 23. | 32. | 46. | 76. | 101. | 110. | 111. | 111. | 55. | 30.16 | 47.48 | 1.81 |
| 039 Alamosa Co | 001 | F03 | 13 | 4. | 5. | 8. | 11. | 19. | 36. | 39. | 39. | 39. | 16. | 11.06 | 12.81 | 2.01 |
| 039 Rio Blanco Co | 001 | F01 | 22 | 13. | 19. | 23. | 28. | 55. | 67. | 68. | 115. | 115. | 41. | 24.75 | 34.93 | 1.78 |
|  | 002 | F01 | 21 | 10. | 12. | 20. | 28. | 35. | 46. | 53. | 85. | 85. | 30. | 17.55 | 26.28 | 1.76 |
|  | 003 | F03 | 19 | 3. | 3. | 6. | 7. | 8. | 14. | 16. | 16. | 16. | 8. | 3.44 | 6.84 | 1.57 |
| 040 Craig | 001 | F01 | 18 | 12. | 14. | 23. | 29. | 70. | 190. | 258. | 258. | 258. | 65. | 69.21 | 42.57 | 2.51 |
| 040 Grand Co | 002 | F01 | 15 | 12. | 27. | 36. | 48. | 60. | 80. | 124. | 124. | 124. | 51. | 27.14 | 44.67 | 1.73 |
| **CONNECTICUT** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 041 Groton | 001 | F01 | 15 | 12. | 16. | 27. | 34. | 45. | 75. | 94. | 94. | 94. | 41. | 22.26 | 35.52 | 1.72 |
| 041 Mansfield | 001 | F01 | 15 | 16. | 19. | 33. | 39. | 46. | 98. | 117. | 117. | 117. | 46. | 27.13 | 40.81 | 1.67 |
| 041 Norwich | 001 | F01 | 15 | 22. | 30. | 49. | 59. | 76. | 108. | 109. | 109. | 109. | 63. | 25.57 | 58.00 | 1.56 |
| 041 Putnam | 002 | F01 | 15 | 30. | 40. | 54. | 58. | 89. | 133. | 147. | 147. | 147. | 73. | 33.21 | 66.91 | 1.54 |
| 041 Voluntown | 001 | F03 | 15 | 7. | 11. | 19. | 22. | 38. | 43. | 47. | 47. | 47. | 27. | 12.57 | 23.43 | 1.73 |
| 041 Waterford | 001 | F02 | 15 | 10. | 13. | 23. | 29. | 32. | 58. | 65. | 65. | 65. | 31. | 15.15 | 27.28 | 1.65 |
| 041 Willimantic | 001 | F01 | 15 | 21. | 30. | 48. | 53. | 66. | 105. | 105. | 105. | 105. | 60. | 25.93 | 55.13 | 1.58 |
| 042 Ansonia | 003 | F01 | 14 | 36. | 43. | 60. | 73. | 84. | 157. | 205. | 205. | 205. | 85. | 47.40 | 75.29 | 1.65 |
| 042 Berlin | 001 | F03 | 15 | 19. | 20. | 28. | 31. | 35. | 76. | 82. | 82. | 82. | 38. | 18.93 | 34.16 | 1.54 |
| 042 Bristol | 001 | F01 | 14 | 37. | 42. | 60. | 70. | 79. | 146. | 195. | 195. | 195. | 82. | 43.17 | 73.35 | 1.58 |
|  | 002 | H03 | 6 | 19. | 19. | 26. | 36. | 43. | 85. | 85. | 85. | 85. |  |  |  |  |
|  | 003 | H01 | 6 | 27. | 27. | 34. | 36. | 87. | 134. | 134. | 134. | 134. |  |  |  |  |
|  | 004 | F02 | 10 | 9. | 9. | 33. | 61. | 82. | 109. | 171. | 171. | 171. | 72. | 46.97 | 56.42 | 2.32 |
| 042 Burlington | 001 | F03 | 13 | 14. | 14. | 19 | 31. | 33. | 38. | 52. | 52. | 52. | 28. | 11.58 | 25.39 | 1.54 |
| 042 East Hartford | 001 | F01 | 15 | 12. | 13. | 46. | 60. | 68. | 94. | 143. | 143. | 143. | 59. | 34.29 | 48.14 | 2.09 |
|  | 002 | F01 | 15 | 33. | 40. | 58. | 61. | 71. | 110. | 110. | 110. | 110. | 67. | 22.04 | 64.05 | 1.38 |
| 042 Enfield | 001 | F01 | 15 | 39. | 45. | 53. | 73. | 78. | 130. | 139. | 139. | 139. | 73. | 28.63 | 68.71 | 1.43 |
| 042 Hartford | 002 | F01 | 14 | 39. | 44. | 54. | 61. | 69. | 97. | 141. | 141. | 141. | 69. | 26.44 | 65.33 | 1.40 |
|  | 003 | F01 | 15 | 42 | 56. | 93. | 105. | 120. | 127. | 153. | 153. | 153. | 103. | 28.01 | 98.51 | 1.39 |
|  | 004 | F01 | 14 | 32. | 33. | 52. | 56. | 67. | 90. | 123. | 123. | 123. | 62. | 24.71 | 57.60 | 1.47 |
|  | 005 | F01 | 14 | 29. | 42. | 53. | 65. | 81. | 115. | 124. | 124. | 124. | 71. | 29.47 | 65.83 | 1.53 |
| 042 Manchester | 001 | F01 | 15 | 28. | 30. | 46. | 53 | 65. | 112. | 113. | 113. | 113. | 64. | 30.23 | 58.00 | 1.59 |
| 042 Meriden | 001 | H01 | 14 | 7. | 13. | 57. | 76. | 94. | 117. | 254. | 254. | 254. | 81. | 60.36 | 59.50 | 2.52 |
|  | 002 | F01 | 11 | 16. | 36. | 58. | 77. | 98. | 113. | 123. | 123. | 123. | 75. | 35.02 | 65.51 | 1.86 |
|  | 003 | H01 | 15 | 32. | 38. | 45. | 64. | 115. | 193. | 265. | 265. | 265. | 90. | 66.36 | 73.57 | 1.90 |
|  | 005 | F01 | 13 | 12. | 16. | 34. | 70. | 83. | 180. | 189. | 189. | 189. | 75. | 58.11 | 54.90 | 2.36 |
|  | 006 | F01 | 14 | 21. | 25. | 45. | 49. | 66. | 120. | 427. | 427. | 427. | 83. | 102.51 | 59.28 | 2.09 |
| 042 Middletown | 001 | H01 | 3 | 25. | 25. | 25. | 41. | 113. | 113. | 113. | 113. | 113. |  |  |  |  |
|  | 003 | F01 | 14 | 31. | 45. | 64. | 70. | 86. | 128 | 149. | 149. | 149. | 81. | 34.42 | 73.83 | 1.55 |
| 042 Milford | 001 | F01 | 15 | 27. | 31. | 39. | 45. | 63. | 107. | 113. | 113. | 113. | 54. | 26.23 | 49.67 | 1.54 |
|  | 002 | F01 | 15 | 40. | 40. | 54. | 81. | 87. | 117. | 138. | 138. | 138. | 77. | 29.74 | 71.76 | 1.48 |
|  | 006 | H01 | 15 | 26. | 28. | 31. | 40. | 47. | 99. | 114. | 114. | 114. | 48. | 25.99 | 43.10 | 1.55 |
| 042 Naugatuck | 001 | F01 | 15 | 39. | 39. | 51. | 70. | 94. | 181. | 198. | 198. | 198. | 84. | 49.67 | 73.41 | 1.70 |
| 042 New Britain | 001 | H01 | 7 | 57. | 57. | 113. | 117. | 131. | 149. | 149. | 149. | 149. | 111. | 36.32 | 104.90 | 1.47 |
|  | 002 | F01 | 15 | 53. | 57. | 79. | 100. | 129. | 143. | 186. | 186. | 186. | 105. | 38.07 | 98.03 | 1.46 |
|  | 003 | F01 | 15 | 52. | 54. | 73. | 77. | 94. | 126. | 139. | 139. | 139. | 85. | 26.08 | 81.47 | 1.35 |
|  | 004 | F01 | 15 | 30. | 31. | 41. | 43. | 58. | 99. | 103. | 103. | 103. | 52. | 22.20 | 48.91 | 1.44 |
|  | 005 | H01 | 8 | 24. | 24. | 29. | 35. | 55. | 112. | 112. | 112. | 112. | 52. | 30.63 | 45.15 | 1.74 |
| 042 New Haven | 001 | F01 | 15 | 38. | 40. | 51. | 54. | 84. | 135. | 171. | 171. | 171. | 73. | 37.33 | 66.56 | 1.54 |
|  | 002 | F01 | 6 | 8. | 8. | 9. | 12. | 19. | 64. | 64. | 64. | 64. |  |  |  |  |
|  | 003 | F01 | 14 | 30. | 35. | 54. | 57. | 63. | 89. | 120. | 120. | 120. | 61. | 24.85 | 57.05 | 1.48 |
|  | 005 | F01 | 14 | 27. | 37. | 40. | 51. | 62. | 124. | 134. | 134. | 134. | 61. | 31.55 | 55.25 | 1.57 |
|  | 009 | H01 | 15 | 27. | 37. | 44. | 53. | 74. | 106. | 128. | 128. | 128. | 61. | 28.04 | 56.07 | 1.53 |
| 042 Old Saybrook | 001 | F01 | 15 | 44. | 56. | 68. | 93. | 99. | 107. | 190. | 190. | 190. | 89. | 34.40 | 83.89 | 1.43 |
| 042 Thomaston | 003 | F01 | 15 | 32. | 44. | 46. | 70. | 78. | 107. | 174. | 174. | 174. | 72. | 36.25 | 65.07 | 1.56 |
| 042 Waterbury | 001 | F01 | 15 | 20. | 43. | 78. | 92. | 110. | 166. | 222. | 222. | 222. | 101. | 52.35 | 87.31 | 1.81 |
|  | 002 | F01 | 14 | 44. | 49. | 71. | 91. | 103. | 173. | 195. | 195. | 195. | 98. | 44.32 | 89.45 | 1.54 |
|  | 003 | F01 | 10 | 38. | 38. | 48. | 58. | 61. | 122. | 231. | 231. | 231. | 83. | 59.54 | 69.59 | 1.77 |
| 043 Bridgeport | 001 | F01 | 15 | 33. | 33. | 40. | 50. | 58. | 76. | 114. | 114. | 114. | 54. | 21.07 | 50.54 | 1.41 |
|  | 002 | H01 | 15 | 33. | 33. | 36. | 47. | 54. | 69. | 121. | 121. | 121. | 51. | 22.16 | 48.03 | 1.41 |
| 043 Danbury | 001 | F01 | 8 | 24. | 24. | 44. | 53. | 63. | 181. | 181. | 181. | 181. | 68. | 48.32 | 58.09 | 1.79 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

## 1973 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **CONNECTICUT—Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 123 | F01 | 6 | 32. | 32. | 42. | 55. | 81. | 124. | 124. | 124. | 124. |  |  |  |  |
| 043 Fairfield | 002 | F01 | 11 | 31. | 33. | 39. | 49. | 55. | 68. | 83. | 83. | 83. | 50. | 15.92 | 47.73 | 1.37 |
| 043 Greenwich | 001 | F01 | 7 | 26. | 26. | 39. | 39. | 49. | 158. | 158. | 158. | 158. | 65. | 49.25 | 53.17 | 1.92 |
|  | 002 | F01 | 15 | 20. | 29. | 45. | 55. | 82. | 110. | 159. | 159. | 159. | 66. | 36.79 | 57.22 | 1.73 |
|  | 003 | F01 | 15 | 15. | 27. | 49. | 52. | 66. | 110. | 123. | 123. | 123. | 59. | 29.09 | 52.42 | 1.69 |
|  | 004 | F01 | 12 | 13. | 16. | 27. | 31. | 40. | 59. | 69. | 69. | 69. | 36. | 16.78 | 32.57 | 1.64 |
|  | 007 | H01 | 8 | 17. | 17. | 30. | 33. | 52. | 101. | 101. | 101. | 101. | 47. | 30.75 | 39.37 | 1.86 |
|  | 008 | F01 | 15 | 25. | 38. | 44. | 60. | 73. | 112. | 133. | 133. | 133. | 65. | 29.39 | 59.13 | 1.56 |
|  | 014 | H01 | 15 | 37. | 43. | 50. | 55. | 66. | 90. | 116. | 116. | 116. | 61. | 20.73 | 58.49 | 1.35 |
| 043 Haddam | 002 | F02 | 15 | 20. | 24. | 34. | 41. | 44. | 62. | 72. | 72. | 72. | 41. | 14.77 | 38.92 | 1.44 |
| 043 Norwalk | 001 | F01 | 10 | 39. | 39. | 45. | 48. | 64. | 148. | 185. | 185. | 185. | 76. | 50.22 | 65.60 | 1.72 |
|  | 005 | F01 | 11 | 24. | 35. | 48. | 64. | 68. | 79. | 179. | 179. | 179. | 67. | 40.83 | 59.09 | 1.67 |
| 043 Stamford | 001 | F01 | 13 | 18. | 20. | 36. | 59. | 79. | 112. | 140. | 140. | 140. | 61. | 35.68 | 51.31 | 1.86 |
|  | 003 | F01 | 15 | 14. | 22. | 41. | 51. | 72. | 103. | 140. | 140. | 140. | 59. | 32.59 | 50.72 | 1.79 |
|  | 004 | F01 | 15 | 10. | 11. | 27. | 39. | 45. | 86. | 150. | 150. | 150. | 46. | 36.29 | 35.16 | 2.15 |
|  | 007 | F01 | 15 | 25. | 32. | 45. | 50. | 71. | 114. | 122. | 122. | 122. | 63. | 30.54 | 56.82 | 1.60 |
| 043 Stratford | 001 | F01 | 12 | 21. | 24. | 29. | 34. | 55. | 61. | 109. | 109. | 109. | 46. | 24.68 | 40.56 | 1.63 |
|  | 005 | F01 | 11 | 18. | 41. | 41. | 50. | 78. | 144. | 150. | 150. | 150. | 70. | 43.07 | 58.88 | 1.86 |
| 044 Kent | 001 | F03 | 15 | 11. | 14. | 29. | 30. | 40. | 58. | 85. | 85. | 85. | 35. | 18.85 | 30.94 | 1.72 |
| 044 Litchfield Co | 001 | F03 | 15 | 8. | 20. | 24. | 31. | 37. | 54. | 66. | 66. | 66. | 33. | 14.90 | 29.95 | 1.66 |
| 044 North Canaan | 001 | F01 | 15 | 26. | 35. | 41. | 47. | 57. | 90. | 108. | 108. | 108. | 54. | 22.35 | 50.04 | 1.47 |
| 044 Torrington | 001 | F01 | 15 | 37. | 42. | 62. | 87. | 104. | 146. | 218. | 218. | 218. | 93. | 46.54 | 83.65 | 1.60 |
| 044 Winchester | 001 | F01 | 15 | 43. | 48. | 66. | 85. | 105. | 127. | 148. | 148. | 148. | 86. | 30.94 | 80.57 | 1.45 |
| **DELAWARE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 045 Newark | 001 | P01 | 1 | 62. | 62. | 62. | 62. | 62. | 62. | 62. | 62. | 62. |  |  |  |  |
|  | 002 | F01 | 15 | 2. | 2. | 5. | 5. | 7. | 9. | 11. | 11. | 11. | 6. | 2.57 | 5.40 | 1.58 |
| 045 New Castle | 001 | F01 | 15 | 2. | 2. | 3. | 4. | 5. | 6. | 7. | 7. | 7. | 4. | 1.59 | 3.63 | 1.50 |
| 045 New Castle Co | 001 | F01 | 4 | 4. | 4. | 4. | 4. | 7. | 13. | 13. | 13. | 13. |  |  |  |  |
|  | 003 | F01 | 14 | 2. | 2. | 3. | 3. | 4. | 9. | 10. | 10. | 10. | 4. | 2.51 | 3.83 | 1.64 |
|  | 004 | F01 | 12 | 1. | 2. | 3. | 3. | 4. | 7. | 8. | 8. | 8. | 4. | 1.94 | 3.34 | 1.70 |
|  | 005 | F01 | 15 | 1. | 2. | 3. | 3. | 4. | 6. | 8. | 8. | 8. | 4. | 1.63 | 3.51 | 1.51 |
|  | 006 | F01 | 15 | 1. | 3. | 4. | 4. | 5. | 6. | 8. | 8. | 8. | 4. | 1.52 | 3.98 | 1.49 |
|  | 007 | F01 | 15 | 3. | 3. | 3. | 4. | 5. | 8. | 8. | 8. | 8. | 5. | 1.75 | 4.25 | 1.47 |
|  | 010 | F01 | 15 | 3. | 3. | 4. | 5. | 9. | 10. | 10. | 10. | 10. | 6. | 2.83 | 5.52 | 1.61 |
|  | 011 | F01 | 14 | 2. | 3. | 4. | 4. | 5. | 9. | 10. | 10. | 10. | 5. | 2.51 | 4.68 | 1.60 |
|  | 012 | F01 | 15 | 3. | 3. | 4. | 4. | 5. | 7. | 9. | 9. | 9. | 5. | 1.69 | 4.46 | 1.40 |
| 045 Wilmington | 002 | F01 | 15 | 4. | 4. | 5. | 6. | 7. | 11. | 15. | 15. | 15. | 7. | 3.09 | 6.74 | 1.45 |
|  | 004 | F01 | 15 | 2. | 3. | 7. | 10. | 14. | 20. | 24. | 24. | 24. | 11. | 6.52 | 9.34 | 2.04 |
| 046 Dover | 001 | F01 | 14 | 2. | 2. | 3. | 4. | 6. | 7. | 8. | 8. | 8. | 4. | 1.97 | 3.98 | 1.56 |
| 046 Milford | 001 | F01 | 13 | 2. | 3. | 3. | 3. | 4. | 5. | 6. | 6. | 6. | 4. | 1.16 | 3.60 | 1.34 |
| 046 Seaford | 001 | F01 | 11 | 2. | 3. | 3. | 4. | 5. | 5. | 6. | 6. | 6. | 4. | 1.16 | 4.04 | 1.36 |
| **DISTRICT OF COLUMBIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 047 Washington | 001 | P01 | 3 | 61. | 61. | 61. | 67. | 115. | 115. | 115. | 115. | 115. |  |  |  |  |
|  | 003 | I02 | 3 | 63. | 63. | 63. | 86. | 131. | 131. | 131. | 131. | 131. |  |  |  |  |
|  | 003 | P01 | 1 | 117. | 117. | 117. | 117. | 117. | 117. | 117. | 117. | 117. |  |  |  |  |
|  | 005 | I01 | 23 | 12. | 31. | 42. | 64. | 76. | 85. | 139. | 146. | 146. | 63. | 32.10 | 54.84 | 1.74 |
|  | 007 | I02 | 19 | 25. | 27. | 44. | 51. | 71. | 149. | 185. | 185. | 185. | 65. | 42.26 | 55.56 | 1.72 |
|  | 008 | I02 | 25 | 31. | 34. | 44. | 55. | 64. | 98. | 121. | 460. | 460. | 73. | 83.30 | 58.29 | 1.72 |
|  | 009 | I02 | 24 | 14. | 26. | 40. | 44. | 56. | 86. | 98. | 117. | 117. | 52. | 24.12 | 46.59 | 1.61 |
|  | 011 | I01 | 21 | 17. | 34. | 42. | 51. | 67. | 99. | 110. | 169. | 169. | 62. | 34.72 | 54.14 | 1.67 |
|  | 012 | I03 | 22 | 27. | 30. | 34. | 40. | 47. | 102. | 117. | 132. | 132. | 53. | 29.99 | 46.85 | 1.59 |
| **FLORIDA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 005 Cantonment | 001 | F01 | 10 | 34. | 34. | 35. | 47. | 60. | 64. | 90. | 90. | 90. | 52. | 18.16 | 48.87 | 1.40 |
| 005 Gulf Breeze | 001 | F03 | 14 | 12. | 17. | 24. | 30. | 43. | 60. | 62. | 62. | 62. | 35. | 16.21 | 31.13 | 1.63 |
| 005 Panama City | 002 | F01 | 8 | 24. | 24. | 29. | 34. | 49. | 82. | 82. | 82. | 82. | 43. | 19.50 | 39.13 | 1.53 |
|  | 003 | F01 | 4 | 19. | 19. | 30. | 30. | 34. | 100. | 100. | 100. | 100. |  |  |  |  |
| 005 Pensacola | 002 | F01 | 26 | 35. | 41. | 51. | 74. | 96. | 170. | 180. | 185. | 185. | 86. | 43.95 | 36.22 | 1.63 |
|  | 003 | F03 | 30 | 11. | 18. | 19. | 31. | 37. | 42. | 62. | 72. | 72. | 31. | 14.22 | 28.26 | 1.57 |
|  | 004 | F01 | 27 | 20. | 23. | 30. | 39. | 51. | 73. | 93. | 94. | 94. | 43. | 19.94 | 39.58 | 1.54 |
| 005 Port St Joe | 001 | F01 | 8 | 19. | 19. | 32. | 35. | 60. | 177. | 177. | 177. | 177. | 68. | 57.56 | 51.85 | 2.16 |
| 005 Santa Rosa Co | 011 | F03 | 12 | 18. | 32. | 39. | 44. | 58. | 79. | 93. | 93. | 93. | 51. | 22.26 | 46.25 | 1.58 |
| 048 Merritt Island | 002 | F01 | 15 | 27. | 27. | 30. | 36. | 37. | 44. | 56. | 56. | 56. | 35. | 7.90 | 34.40 | 1.23 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **FLORIDA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 048 Orlando | 003 | F01 | 15 | 36. | 38. | 54. | 61. | 69. | 73. | 81. | 81. | 81. | 59. | 13.37 | 57.88 | 1.28 |
|  | 004 | F01 | 14 | 33. | 36. | 42. | 50. | 52. | 58. | 85. | 85. | 85. | 50. | 12.54 | 48.57 | 1.26 |
| 048 Sanford | 002 | F01 | 14 | 31. | 34. | 39. | 48. | 52. | 64. | 74. | 74. | 74. | 49. | 12.71 | 46.99 | 1.30 |
| 049 Fernandina Beach | 003 | F01 | 15 | 26. | 28. | 36. | 46. | 63. | 80. | 87. | 87. | 87. | 51. | 19.65 | 47.39 | 1.49 |
|  | 005 | F01 | 15 | 33. | 34. | 44. | 48. | 59. | 82. | 82. | 82. | 82. | 52. | 15.24 | 50.07 | 1.33 |
| 049 Gainesville | 003 | G01 | 25 | 29. | 36. | 53. | 60. | 70. | 93. | 99. | 116. | 116. | 63. | 21.93 | 59.56 | 1.42 |
|  | 005 | G01 | 29 | 18. | 24. | 35. | 40. | 53. | 62. | 65. | 83. | 83. | 43. | 14.97 | 40.58 | 1.45 |
|  | 008 | G01 | 27 | 1. | 28. | 37. | 44. | 52. | 64. | 65. | 74. | 74. | 43. | 14.95 | 36.82 | 2.47 |
|  | 011 | G01 | 21 | 18. | 22. | 36. | 37. | 41. | 47. | 68. | 84. | 84. | 39. | 14.85 | 36.45 | 1.43 |
|  | 012 | G01 | 26 | 17. | 22. | 33. | 40. | 45. | 50. | 52. | 57. | 57. | 38. | 10.52 | 36.75 | 1.36 |
|  | 013 | G01 | 30 | 23. | 25. | 38. | 42. | 48. | 57. | 67. | 75. | 75. | 44. | 12.26 | 42.65 | 1.33 |
| 049 Green Cove Springs | 002 | F01 | 13 | 30. | 33. | 44. | 59. | 70. | 80. | 92. | 92. | 92. | 58. | 18.66 | 55.19 | 1.40 |
| 049 Jacksonville | 004 | H01 | 74 | 22. | 42. | 65. | 83. | 107. | 149. | 166. | 249. | 249. | 92. | 44.25 | 82.38 | 1.63 |
|  | 017 | H01 | 8 | 36. | 36. | 56. | 58. | 71. | 83. | 83. | 83. | 83. | 63. | 15.29 | 61.55 | 1.31 |
|  | 031 | H01 | 9 | 24. | 24. | 32. | 48. | 54. | 77. | 77. | 77. | 77. | 46. | 16.48 | 43.43 | 1.45 |
|  | 033 | H01 | 12 | 41. | 43. | 53. | 64. | 69. | 86. | 94. | 94. | 94. | 65. | 16.19 | 62.71 | 1.29 |
|  | 038 | H01 | 15 | 41. | 44. | 62. | 72. | 88. | 94. | 109. | 109. | 109. | 73. | 20.17 | 70.01 | 1.34 |
|  | 039 | H01 | 15 | 37. | 38. | 52. | 70. | 75. | 81. | 90. | 90. | 90. | 64. | 16.84 | 61.67 | 1.33 |
|  | 040 | H01 | 14 | 33. | 38. | 55. | 62. | 65. | 74. | 127. | 127. | 127. | 62. | 22.39 | 58.38 | 1.39 |
|  | 045 | H01 | 14 | 26. | 27. | 36. | 44. | 50. | 57. | 62. | 62. | 62. | 43. | 11.78 | 41.05 | 1.34 |
|  | 049 | H01 | 14 | 36. | 38. | 48. | 56. | 72. | 77. | 94. | 94. | 94. | 61. | 17.17 | 58.21 | 1.34 |
|  | 053 | H01 | 9 | 43. | 43. | 52. | 74. | 94. | 126. | 126. | 126. | 126. | 77. | 27.90 | 73.04 | 1.44 |
| 049 Nassau Co | 001 | F01 | 14 | 38. | 39. | 48. | 51. | 64. | 72. | 119. | 119. | 119. | 60. | 20.52 | 56.95 | 1.35 |
| 049 Palatka | 002 | F01 | 13 | 30. | 35. | 50. | 59. | 62. | 74. | 78. | 78. | 78. | 55. | 14.58 | 52.86 | 1.34 |
| 049 Perry | 003 | F01 | 15 | 20. | 20. | 30. | 35. | 45. | 57. | 99. | 99. | 99. | 40. | 20.06 | 36.08 | 1.55 |
| 049 Putnam Co | 001 | F01 | 14 | 20. | 20. | 30. | 35. | 42. | 58. | 61. | 61. | 61. | 37. | 12.42 | 35.14 | 1.41 |
| 049 Tallahassee | 003 | F01 | 12 | 17. | 23. | 47. | 48. | 60. | 84. | 99. | 99. | 99. | 54. | 23.77 | 48.81 | 1.65 |
|  | 004 | F01 | 14 | 19. | 42. | 60. | 63. | 85. | 121. | 133. | 133. | 133. | 77. | 31.76 | 69.48 | 1.65 |
| 050 Bay Harbor Islands | 002 | G01 | 8 | 30. | 30. | 54. | 57. | 60. | 65. | 65. | 65. | 65. | 55. | 10.81 | 53.77 | 1.27 |
| 050 Belle Glade | 001 | G01 | 19 | 11. | 40. | 52. | 62. | 72. | 107. | 199. | 199. | 199. | 69. | 37.70 | 60.59 | 1.74 |
| 050 Boca Raton | 001 | G01 | 11 | 24. | 30. | 40. | 42. | 44. | 55. | 59. | 59. | 59. | 43. | 10.68 | 41.44 | 1.31 |
|  | 002 | G01 | 12 | 20. | 26. | 31. | 39. | 43. | 47. | 65. | 65. | 65. | 39. | 11.70 | 37.12 | 1.36 |
| 050 Coral City | 001 | G01 | 14 | 44. | 48. | 61. | 66. | 75. | 83. | 90. | 90. | 90. | 67. | 13.56 | 65.73 | 1.23 |
| 050 Dade Co | 001 | G01 | 13 | 56. | 70. | 76. | 111. | 121. | 123. | 125. | 125. | 125. | 101. | 23.66 | 98.51 | 1.30 |
|  | 002 | G01 | 12 | 46. | 50. | 52. | 55. | 58. | 63. | 73. | 73. | 73. | 56. | 6.98 | 55.54 | 1.13 |
|  | 003 | G01 | 15 | 27. | 28. | 30. | 38. | 53. | 62. | 84. | 84. | 84. | 43. | 16.76 | 40.33 | 1.43 |
|  | 012 | G01 | 13 | 17. | 17. | 23. | 34. | 43. | 54. | 100. | 100. | 100. | 37. | 22.09 | 32.98 | 1.65 |
|  | 013 | G01 | 9 | 30. | 30. | 49. | 65. | 84. | 93. | 93. | 93. | 93. | 65. | 20.63 | 61.87 | 1.43 |
| 050 Davie | 001 | G03 | 5 | 31. | 31. | 31. | 35. | 36. | 55. | 55. | 55. | 55. |  |  |  |  |
|  | 002 | G03 | 9 | 27. | 27. | 37. | 38. | 45. | 57. | 57. | 57. | 57. | 41. | 8.47 | 39.77 | 1.23 |
| 050 Delray Beach | 002 | G01 | 11 | 25. | 29. | 37. | 39. | 45. | 48. | 77. | 77. | 77. | 42. | 13.43 | 40.65 | 1.33 |
| 050 Fort Lauderdale | 003 | G03 | 14 | 18. | 56. | 64. | 70. | 77. | 90. | 91. | 91. | 91. | 69. | 18.25 | 65.59 | 1.49 |
| 050 Fort Pierce | 002 | F03 | 21 | 29. | 36. | 42. | 45. | 49. | 56. | 57. | 64. | 64. | 46. | 8.75 | 45.15 | 1.22 |
|  | 003 | F05 | 16 | 33. | 37. | 39. | 51. | 60. | 65. | 68. | 68. | 68. | 51. | 12.39 | 49.04 | 1.29 |
|  | 004 | F05 | 16 | 32. | 50. | 60. | 64. | 70. | 88. | 100. | 100. | 100. | 67. | 15.60 | 64.94 | 1.29 |
|  | 005 | F05 | 16 | 37. | 44. | 53. | 56. | 68. | 88. | 95. | 95. | 95. | 62. | 16.86 | 59.96 | 1.30 |
| 050 Hallandale | 001 | G03 | 13 | 31. | 33. | 41. | 60. | 75. | 90. | 183. | 183. | 183. | 66. | 39.48 | 58.87 | 1.62 |
| 050 Hialeah | 001 | G01 | 15 | 1. | 30. | 41. | 59. | 69. | 93. | 98. | 98. | 98. | 57. | 25.41 | 41.70 | 3.57 |
| 050 Hollywood | 001 | G03 | 10 | 31. | 31. | 40. | 70. | 77. | 89. | 97. | 97. | 97. | 66. | 23.13 | 61.44 | 1.51 |
| 050 Homestead | 001 | G01 | 10 | 41. | 41. | 52. | 61. | 70. | 83. | 122. | 122. | 122. | 68. | 22.75 | 64.64 | 1.35 |
| 050 Lake Worth | 001 | G01 | 12 | 28. | 28. | 39. | 51. | 61. | 98. | 131. | 131. | 131. | 57. | 30.50 | 50.63 | 1.61 |
| 050 Lauderdale Lakes | 001 | G03 | 13 | 42. | 43. | 47. | 57. | 63. | 87. | 119. | 119. | 119. | 62. | 21.23 | 58.88 | 1.34 |
| 050 Margate | 001 | G03 | 15 | 18. | 30. | 37. | 48. | 88. | 121. | 146. | 146. | 146. | 64. | 38.21 | 54.14 | 1.83 |
| 050 Miami | 002 | G01 | 14 | 43. | 54. | 60. | 69. | 83. | 92. | 228. | 228. | 228. | 80. | 44.76 | 73.44 | 1.47 |
|  | 004 | G01 | 10 | 36. | 36. | 59. | 65. | 68. | 74. | 76. | 76. | 76. | 63. | 11.65 | 61.58 | 1.24 |
| 050 Miami Beach | 007 | G01 | 15 | 22. | 28. | 32. | 44. | 54. | 66. | 73. | 73. | 73. | 44. | 16.12 | 41.51 | 1.44 |
| 050 Miami Springs | 001 | G01 | 13 | 38. | 47. | 50. | 63. | 69. | 70. | 73. | 73. | 73. | 59. | 10.87 | 58.21 | 1.22 |
| 050 North Miami Beach | 001 | G01 | 11 | 38. | 40. | 42. | 49. | 59. | 69. | 71. | 71. | 71. | 52. | 11.76 | 50.49 | 1.25 |
| 050 North Palm Beach | 001 | G01 | 13 | 20. | 22. | 22. | 32. | 39. | 53. | 56. | 56. | 56. | 34. | 11.94 | 31.89 | 1.41 |
| 050 Okeechobee | 002 | F03 | 4 | 25. | 25. | 30. | 30. | 34. | 65. | 65. | 65. | 65. |  |  |  |  |
| 050 Opa-Locka | 001 | G01 | 11 | 46. | 47. | 56. | 61. | 64. | 71. | 86. | 86. | 86. | 61. | 11.51 | 60.33 | 1.20 |
| 050 Palm Beach Co | 001 | G01 | 11 | 18. | 20. | 28. | 31. | 37. | 44. | 55. | 55. | 55. | 33. | 11.09 | 31.31 | 1.40 |
|  | 003 | G01 | 11 | 28. | 30. | 39. | 41. | 55. | 103. | 300. | 300. | 300. | 70. | 78.89 | 52.56 | 1.98 |
|  | 004 | G01 | 13 | 18. | 18. | 28. | 32. | 36. | 41. | 48. | 48. | 48. | 32. | 8.86 | 31.07 | 1.35 |
|  | 005 | G01 | 14 | 23. | 25. | 34. | 44. | 54. | 61. | 75. | 75. | 75. | 45. | 15.31 | 42.08 | 1.42 |
| 050 Pembroke Pines | 001 | G03 | 12 | 38. | 41. | 44. | 47. | 51. | 61. | 68. | 68. | 68. | 49. | 8.46 | 48.30 | 1.18 |
| 050 Perrine | 001 | G01 | 11 | 42. | 51. | 57. | 89. | 115. | 139. | 169. | 169. | 169. | 91. | 40.50 | 83.01 | 1.57 |
| 050 Plantation | 001 | G03 | 13 | 27. | 45. | 55. | 68. | 95. | 122. | 124. | 124. | 124. | 74. | 29.49 | 68.21 | 1.54 |
| 050 Pompano Beach | 001 | G03 | 12 | 43. | 46. | 53. | 69. | 84. | 98. | 105. | 105. | 105. | 71. | 20.83 | 68.16 | 1.35 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **FLORIDA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 002 | G03 | 14 | 6. | 22. | 35. | 36. | 48. | 69. | 135. | 135. | 135. | 45. | 30.20 | 37.04 | 1.99 |
| 050 Stuart | 002 | F03 | 8 | 58. | 58. | 87. | 107. | 160. | 189. | 189. | 189. | 189. | 120. | 48.22 | 110.58 | 1.54 |
| 050 Tamarac | 001 | G03 | 15 | 24. | 29. | 35. | 43. | 57. | 80. | 101. | 101. | 101. | 50. | 22.40 | 46.16 | 1.52 |
| 050 Tequesta | 001 | G01 | 11 | 21. | 25. | 32. | 36. | 49. | 52. | 60. | 60. | 60. | 39. | 12.48 | 36.99 | 1.40 |
| 050 Vero Beach | 001 | F03 | 14 | 20. | 21. | 26. | 32. | 36. | 66. | 71. | 71. | 71. | 36. | 16.58 | 33.22 | 1.51 |
| 050 West Miami | 001 | G01 | 14 | 26. | 28. | 34. | 40. | 48. | 56. | 78. | 78. | 78. | 43. | 14.10 | 40.78 | 1.37 |
| 050 West Palm Beach | 001 | G01 | 21 | 20. | 28. | 39. | 43. | 52. | 63. | 64. | 66. | 66. | 44. | 13.09 | 42.39 | 1.38 |
| 051 Arcadia | 001 | F01 | 2 | 56. | 56. | 56. | 56. | 80. | 80. | 80. | 80. | 80. |  |  |  |  |
| 051 Fort Myers | 002 | F01 | 11 | 17. | 30. | 41. | 53. | 71. | 100. | 142. | 142. | 142. | 63. | 36.63 | 53.59 | 1.83 |
| 051 Glades Co | 001 | F01 | 4 | 46. | 46. | 62. | 62. | 63. | 82. | 82. | 82. | 82. |  |  |  |  |
| 051 Highlands Co | 001 | F03 | 15 | 13. | 15. | 16. | 19. | 23. | 30. | 32. | 32. | 32. | 21. | 5.87 | 20.03 | 1.31 |
| 051 Punta Gorda | 002 | F01 | 13 | 19. | 19. | 25. | 30. | 40. | 47. | 54. | 54. | 54. | 33. | 11.24 | 31.21 | 1.41 |
| 051 Sarasota | 001 | G03 | 9 | 26. | 26. | 46. | 54. | 62. | 74. | 74. | 74. | 74. | 54. | 14.11 | 51.55 | 1.36 |
| 051 Sarasota Co | 001 | G03 | 5 | 26. | 26. | 30. | 42. | 44. | 48. | 48. | 48. | 48. | 38. | 9.23 | 37.16 | 1.29 |
|  | 002 | G03 | 2 | 44. | 44. | 44. | 44. | 55. | 55. | 55. | 55. | 55. |  |  |  |  |
|  | 006 | G03 | 10 | 55. | 55. | 63. | 78. | 106. | 133. | 172. | 172. | 172. | 95. | 38.07 | 89.02 | 1.47 |
| 051 Sebring | 001 | F01 | 5 | 21. | 21. | 27. | 37. | 55. | 97. | 97. | 97. | 97. | 48. | 30.51 | 40.86 | 1.83 |
| 052 Bartow | 001 | F01 | 8 | 39. | 39. | 59. | 64. | 83. | 464. | 464. | 464. | 464. | 121. | 143.36 | 83.40 | 2.27 |
| 052 Bradenton | 002 | G02 | 6 | 42. | 42. | 49. | 49. | 61. | 62. | 62. | 62. | 62. | 53. | 7.90 | 52.04 | 1.16 |
|  | 003 | G02 | 6 | 20. | 20. | 22. | 24. | 27. | 97. | 97. | 97. | 97. | 36. | 30.23 | 29.64 | 1.81 |
|  | 004 | G02 | 7 | 25. | 25. | 39. | 48. | 55. | 60. | 60. | 60. | 60. | 45. | 12.40 | 43.80 | 1.36 |
|  | 005 | G02 | 2 | 67. | 67. | 67. | 67. | 98. | 98. | 98. | 98. | 98. |  |  |  |  |
| 052 Brandon | 001 | G01 | 13 | 26. | 31. | 39. | 52. | 61. | 61. | 78. | 78. | 78. | 50. | 14.84 | 47.40 | 1.37 |
| 052 Brooksville | 001 | F01 | 10 | 39. | 39. | 48. | 60. | 68. | 88. | 102. | 102. | 102. | 65. | 19.44 | 62.24 | 1.34 |
| 052 Citrus Co | 001 | F01 | 14 | 17. | 25. | 29. | 34. | 50. | 64. | 96. | 96. | 96. | 42. | 20.65 | 38.44 | 1.57 |
| 052 Clearwater | 001 | F01 | 11 | 41. | 46. | 64. | 69. | 82. | 109. | 110. | 110. | 110. | 72. | 23.14 | 68.94 | 1.39 |
| 052 Hillsborough Co | 003 | G01 | 14 | 24. | 27. | 34. | 38. | 46. | 50. | 51. | 51. | 51. | 39. | 9.11 | 38.22 | 1.28 |
|  | 017 | G03 | 12 | 1. | 2. | 27. | 29. | 34. | 46. | 58. | 58. | 58. | 29. | 16.23 | 19.63 | 3.55 |
|  | 019 | G01 | 14 | 23. | 27. | 35. | 37. | 45. | 56. | 58. | 58. | 58. | 40. | 10.90 | 38.26 | 1.32 |
|  | 021 | G02 | 13 | 25. | 33. | 38. | 40. | 43. | 57. | 58. | 58. | 58. | 42. | 9.48 | 40.69 | 1.26 |
|  | 022 | G02 | 14 | 19. | 24. | 36. | 41. | 49. | 51. | 65. | 65. | 65. | 41. | 12.45 | 38.55 | 1.40 |
|  | 064 | G02 | 13 | 51. | 62. | 66. | 83. | 98. | 114. | 115. | 115. | 115. | 85. | 20.86 | 82.23 | 1.29 |
|  | 066 | G02 | 11 | 37. | 37. | 41. | 47. | 52. | 64. | 74. | 74. | 74. | 49. | 12.15 | 47.56 | 1.27 |
| 052 Holmes Beach | 001 | G02 | 4 | 25. | 25. | 36. | 36. | 37. | 39. | 39. | 39. | 39. |  |  |  |  |
| 052 Lakeland | 001 | F01 | 10 | 32. | 32. | 51. | 61. | 92. | 97. | 189. | 189. | 189. | 79. | 45.01 | 69.76 | 1.67 |
|  | 002 | F01 | 10 | 35. | 35. | 43. | 45. | 48. | 68. | 155. | 155. | 155. | 59. | 35.14 | 53.74 | 1.52 |
| 052 Manatee Co | 003 | G02 | 7 | 21. | 21. | 37. | 40. | 66. | 174. | 174. | 174. | 174. | 64. | 53.81 | 49.48 | 2.12 |
|  | 004 | G03 | 6 | 20. | 20. | 24. | 31. | 36. | 40. | 40. | 40. | 40. | 31. | 7.36 | 29.96 | 1.29 |
|  | 005 | G02 | 7 | 21. | 21. | 29. | 31. | 32. | 121. | 121. | 121. | 121. | 42. | 35.37 | 34.42 | 1.80 |
|  | 008 | G02 | 6 | 24. | 24. | 30. | 31. | 40. | 76. | 76. | 76. | 76. | 39. | 18.75 | 36.33 | 1.48 |
|  | 011 | G02 | 7 | 22. | 22. | 28. | 31. | 32. | 35. | 35. | 35. | 35. | 30. | 4.46 | 29.74 | 1.17 |
|  | 012 | G02 | 6 | 34. | 34. | 38. | 39. | 51. | 123. | 123. | 123. | 123. | 56. | 33.60 | 50.11 | 1.60 |
| 052 Mulberry | 001 | F01 | 10 | 46. | 46. | 99. | 107. | 118. | 147. | 219. | 219. | 219. | 114. | 46.34 | 105.67 | 1.52 |
| 052 Plant City | 001 | G01 | 12 | 40. | 54. | 57. | 63. | 68. | 87. | 91. | 91. | 91. | 65. | 13.75 | 63.42 | 1.24 |
| 052 Polk Co | 001 | F02 | 5 | 51. | 51. | 53. | 78. | 96. | 143. | 143. | 143. | 143. |  |  |  |  |
|  | 002 | F02 | 11 | 21. | 35. | 54. | 58. | 83. | 92. | 166. | 166. | 166. | 69. | 38.86 | 60.59 | 1.73 |
| 052 St Petersburg | 003 | H01 | 8 | 75. | 75. | 93. | 100. | 111. | 161. | 161. | 161. | 161. | 107. | 28.41 | 104.24 | 1.29 |
|  | 012 | H01 | 12 | 17. | 81. | 91. | 111. | 150. | 158. | 266. | 266. | 266. | 122. | 60.28 | 104.96 | 1.95 |
|  | 013 | H01 | 15 | 44. | 48. | 60. | 63. | 66. | 70. | 93. | 93. | 93. | 63. | 11.26 | 62.06 | 1.19 |
|  | 014 | H01 | 2 | 88. | 88. | 88. | 88. | 104. | 104. | 104. | 104. | 104. |  |  |  |  |
|  | 015 | H01 | 10 | 7. | 7. | 9. | 11. | 55. | 69. | 125. | 125. | 125. | 38. | 39.55 | 22.17 | 2.99 |
|  | 016 | H01 | 12 | 56. | 58. | 60. | 62. | 73. | 93. | 99. | 99. | 99. | 69. | 14.20 | 67.92 | 1.21 |
| 052 Tampa | 002 | G02 | 7 | 32. | 32. | 60. | 72. | 87. | 101. | 101. | 101. | 101. | 68. | 28.28 | 62.33 | 1.63 |
|  | 006 | G02 | 15 | 25. | 30. | 41. | 50. | 55. | 63. | 70. | 70. | 70. | 48. | 12.31 | 46.45 | 1.32 |
|  | 018 | G02 | 13 | 31. | 54. | 72. | 84. | 92. | 108. | 129. | 129. | 129. | 82. | 24.01 | 77.63 | 1.42 |
|  | 021 | G02 | 4 | 41. | 41. | 67. | 67. | 104. | 129. | 129. | 129. | 129. |  |  |  |  |
|  | 021 | G05 | 82 | 14. | 40. | 50. | 65. | 81. | 100. | 109. | 147. | 147. | 67. | 24.76 | 62.89 | 1.47 |
|  | 024 | G02 | 14 | 51. | 56. | 66. | 74. | 81. | 110. | 117. | 117. | 117. | 79. | 20.16 | 76.65 | 1.28 |
|  | 030 | G01 | 7 | 40. | 40. | 54. | 60. | 62. | 71. | 71. | 71. | 71. | 57. | 10.58 | 56.53 | 1.22 |
|  | 034 | G02 | 13 | 24. | 24. | 29. | 36. | 42. | 53. | 57. | 57. | 57. | 36. | 10.55 | 35.13 | 1.33 |
|  | 035 | G02 | 13 | 37. | 41. | 53. | 70. | 73. | 100. | 131. | 131. | 131. | 69. | 26.87 | 64.93 | 1.45 |
| 052 Temple Terrace | 001 | G01 | 14 | 29. | 32. | 37. | 40. | 50. | 58. | 61. | 61. | 61. | 44. | 10.30 | 42.95 | 1.27 |
| **GEORGIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 002 Americus | 001 | F01 | 12 | 17. | 18. | 27. | 43. | 49. | 77. | 108. | 108. | 108. | 47. | 27.44 | 39.78 | 1.80 |
| 002 Columbus | 001 | F01 | 12 | 23. | 30. | 36. | 38. | 56. | 64. | 100. | 100. | 100. | 47. | 20.60 | 43.87 | 1.48 |
|  | 003 | F01 | 14 | 20. | 32. | 40. | 53. | 57. | 82. | 115. | 115. | 115. | 53. | 23.65 | 48.95 | 1.54 |
| 049 Brunswick | 001 | F01 | 12 | 29. | 34. | 37. | 47. | 61. | 87. | 121. | 121. | 121. | 56. | 26.31 | 51.70 | 1.51 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **GEORGIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 002 | F01 | 13 | 32. | 40. | 42. | 49. | 75. | 93. | 139. | 139. | 139. | 63. | 29.20 | 57.73 | 1.51 |
|  | 003 | F01 | 15 | 23. | 24. | 35. | 42. | 48. | 69. | 69. | 69. | 69. | 43. | 14.69 | 40.61 | 1.41 |
| 049 Catoosa Co | 001 | F01 | 8 | 16. | 16. | 25. | 27. | 30. | 86. | 86. | 86. | 86. | 34. | 22.11 | 30.07 | 1.66 |
| 049 Jesup | 001 | F01 | 15 | 21. | 29. | 41. | 48. | 67. | 79. | 82. | 82. | 82. | 53. | 19.75 | 49.17 | 1.51 |
| 053 Augusta | 001 | F01 | 15 | 19. | 24. | 35. | 44. | 72. | 107. | 127. | 127. | 127. | 59. | 33.73 | 50.27 | 1.77 |
|  | 003 | F01 | 15 | 11. | 14. | 20. | 29. | 46. | 84. | 97. | 97. | 97. | 38. | 25.92 | 31.45 | 1.91 |
|  | 004 | F01 | 15 | 14. | 16. | 28. | 40. | 58. | 71. | 108. | 108. | 108. | 47. | 25.14 | 40.66 | 1.77 |
| 053 Jefferson Co | 001 | F01 | 14 | 16. | 23. | 34. | 37. | 55. | 67. | 87. | 87. | 87. | 43. | 20.34 | 38.64 | 1.62 |
| 054 Lyons | 002 | F01 | 7 | 3. | 3. | 14. | 16. | 23. | 69. | 69. | 69. | 69. | 26. | 24.02 | 17.65 | 2.84 |
| 054 Macon | 002 | F01 | 57 | 9. | 24. | 39. | 52. | 64. | 95. | 106. | 113. | 113. | 55. | 26.00 | 48.42 | 1.74 |
|  | 005 | F01 | 13 | 18. | 21. | 38. | 51. | 78. | 87. | 106. | 106. | 106. | 54. | 27.26 | 47.58 | 1.75 |
|  | 006 | F01 | 14 | 11. | 13. | 24. | 31. | 33. | 65. | 78. | 78. | 78. | 34. | 20.58 | 28.19 | 1.85 |
|  | 007 | F01 | 15 | 14. | 17. | 38. | 40. | 62. | 76. | 96. | 96. | 96. | 47. | 23.35 | 41.31 | 1.75 |
|  | 008 | F01 | 13 | 19. | 26. | 32. | 37. | 53. | 76. | 121. | 121. | 121. | 47. | 27.41 | 41.90 | 1.64 |
| 054 Milledgeville | 001 | F01 | 17 | 8. | 12. | 23. | 28. | 35. | 56. | 62. | 62. | 62. | 30. | 14.91 | 26.90 | 1.72 |
| 055 Cartersville | 001 | F01 | 14 | 23. | 28. | 43. | 56. | 60. | 73. | 88. | 88. | 88. | 52. | 17.96 | 48.77 | 1.47 |
| 055 Dalton | 001 | F01 | 15 | 9. | 10. | 14. | 21. | 30. | 41. | 42. | 42. | 42. | 23. | 11.01 | 20.71 | 1.66 |
| 055 Rome | 001 | F01 | 15 | 16. | 24. | 42. | 50. | 62. | 83. | 97. | 97. | 97. | 52. | 21.90 | 47.47 | 1.63 |
|  | 003 | F01 | 14 | 17. | 21. | 48. | 55. | 67. | 95. | 134. | 134. | 134. | 60. | 30.69 | 52.25 | 1.76 |
| 055 Rossville | 002 | F01 | 14 | 14. | 15. | 41. | 49. | 55. | 82. | 100. | 100. | 100. | 47. | 24.59 | 40.92 | 1.82 |
| 056 Atlanta | 001 | G01 | 62 | 13. | 27. | 42. | 50. | 56. | 75. | 92. | 101. | 101. | 51. | 19.99 | 46.72 | 1.54 |
|  | 031 | G01 | 14 | 20. | 21. | 24. | 30. | 45. | 59. | 84. | 84. | 84. | 39. | 18.92 | 35.60 | 1.38 |
|  | 032 | G01 | 13 | 12. | 18. | 22. | 28. | 38. | 48. | 49. | 49. | 49. | 31. | 11.54 | 28.44 | 1.51 |
|  | 034 | F01 | 24 | 20. | 32. | 51. | 70. | 78. | 82. | 83. | 135. | 135. | 64. | 24.78 | 58.91 | 1.54 |
|  | 035 | G01 | 15 | 22. | 31. | 40. | 50. | 62. | 89. | 105. | 105. | 105. | 54. | 22.59 | 49.28 | 1.53 |
|  | 036 | G02 | 13 | 22. | 24. | 32. | 36. | 41. | 49. | 89. | 89. | 89. | 39. | 16.95 | 36.22 | 1.43 |
|  | 038 | G02 | 15 | 25. | 30. | 38. | 44. | 59. | 89. | 100. | 100. | 100. | 51. | 21.30 | 47.20 | 1.48 |
|  | 039 | G01 | 13 | 30. | 35. | 45. | 67. | 116. | 128. | 233. | 233. | 233. | 86. | 55.97 | 72.21 | 1.82 |
|  | 040 | G02 | 15 | 25. | 29. | 35. | 54. | 60. | 78. | 96. | 96. | 96. | 53. | 20.85 | 49.27 | 1.51 |
|  | 041 | G01 | 14 | 23. | 24. | 31. | 37. | 51. | 63. | 99. | 99. | 99. | 45. | 21.10 | 40.82 | 1.55 |
|  | 042 | G02 | 15 | 24. | 25. | 35. | 60. | 70. | 105. | 124. | 124. | 124. | 59. | 30.21 | 52.30 | 1.69 |
| 056 Decatur | 001 | F01 | 12 | 10. | 11. | 16. | 29. | 43. | 52. | 116. | 116. | 116. | 36. | 29.02 | 28.32 | 2.07 |
| 056 De Kalb Co | 001 | F01 | 11 | 10. | 12. | 25. | 29. | 34. | 42. | 43. | 43. | 43. | 28. | 11.46 | 25.40 | 1.64 |
| 056 Doraville | 001 | F01 | 12 | 11. | 27. | 35. | 50. | 53. | 63. | 94. | 94. | 94. | 47. | 20.42 | 42.48 | 1.70 |
| 056 Douglasville | 001 | F01 | 14 | 15. | 19. | 28. | 31. | 35. | 51. | 63. | 63. | 63. | 34. | 12.64 | 31.84 | 1.45 |
| 056 East Point | 001 | G01 | 15 | 20. | 24. | 27. | 31. | 47. | 53. | 95. | 95. | 95. | 39. | 19.05 | 36.04 | 1.51 |
| 056 Fairburn | 001 | G03 | 13 | 15. | 16. | 22. | 30. | 36. | 41. | 94. | 94. | 94. | 33. | 20.18 | 29.10 | 1.62 |
| 056 Forest Park | 001 | F01 | 15 | 12. | 14. | 27. | 40. | 61. | 93. | 100. | 100. | 100. | 46. | 27.65 | 38.10 | 1.97 |
| 056 Hapeville | 001 | G01 | 12 | 17. | 18. | 21. | 29. | 44. | 54. | 84. | 84. | 84. | 35. | 19.61 | 30.73 | 1.65 |
| 056 Mc Donough | 001 | F01 | 10 | 20. | 20. | 22. | 34. | 36. | 39. | 81. | 81. | 81. | 35. | 17.57 | 32.36 | 1.50 |
| 056 Marietta | 001 | F01 | 12 | 15. | 24. | 32. | 44. | 60. | 71. | 89. | 89. | 89. | 48. | 22.15 | 42.54 | 1.70 |
| 056 Newnan | 001 | F01 | 40 | 8. | 16. | 27. | 37. | 44. | 57. | 74. | 91. | 91. | 38. | 18.91 | 33.28 | 1.74 |
| 056 Smyrna | 001 | F01 | 12 | 21. | 21. | 28. | 31. | 44. | 78. | 79. | 79. | 79. | 40. | 21.00 | 36.14 | 1.61 |
| 057 Athens | 001 | F01 | 12 | 14. | 14. | 20. | 24. | 33. | 50. | 59. | 59. | 59. | 29. | 14.56 | 26.02 | 1.62 |
| 057 Gainesville | 001 | F01 | 14 | 5. | 18. | 22. | 29. | 37. | 123. | 141. | 141. | 141. | 43. | 39.63 | 31.38 | 2.28 |
|  | 002 | F01 | 7 | 19. | 19. | 33. | 47. | 52. | 73. | 73. | 73. | 73. | 45. | 19.02 | 40.79 | 1.60 |
| 058 Savannah | 002 | F01 | 13 | 34. | 52. | 68. | 88. | 116. | 127. | 130. | 130. | 130. | 90. | 30.38 | 84.59 | 1.48 |
|  | 004 | F01 | 15 | 12. | 24. | 45. | 50. | 59. | 95. | 133. | 133. | 133. | 54. | 29.54 | 47.38 | 1.77 |
|  | 005 | F01 | 15 | 12. | 20. | 31. | 45. | 72. | 82. | 87. | 87. | 87. | 50. | 24.69 | 43.88 | 1.79 |
|  | 008 | F01 | 45 | 23. | 41. | 79. | 99. | 143. | 204. | 251. | 330. | 330. | 119. | 68.92 | 101.31 | 1.81 |
|  | 009 | F01 | 15 | 14. | 36. | 45. | 49. | 63. | 79. | 100. | 100. | 100. | 54. | 21.22 | 49.90 | 1.59 |
|  | 011 | F01 | 15 | 33. | 45. | 63. | 76. | 87. | 110. | 128. | 128. | 128. | 78. | 25.47 | 73.48 | 1.43 |
| 059 Albany | 002 | F01 | 14 | 17. | 25. | 54. | 59. | 74. | 89. | 127. | 127. | 127. | 63. | 29.37 | 55.24 | 1.75 |
|  | 003 | F01 | 15 | 25. | 28. | 46. | 62. | 86. | 191. | 271. | 271. | 271. | 82. | 66.37 | 65.95 | 1.92 |
| 059 Cordele | 001 | F01 | 14 | 13. | 16. | 38. | 56. | 62. | 80. | 85. | 85. | 85. | 52. | 23.18 | 45.18 | 1.79 |
| 059 Moultrie | 001 | F01 | 12 | 11. | 20. | 48. | 56. | 70. | 86. | 98. | 98. | 98. | 58. | 26.88 | 49.57 | 1.92 |
| 059 Valdosta | 002 | F01 | 14 | 18. | 22. | 33. | 38. | 54. | 72. | 76. | 76. | 76. | 44. | 18.06 | 40.13 | 1.54 |
| **HAWAII** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 060 Ewa | 002 | F02 | 23 | 13. | 23. | 27. | 35. | 48. | 86. | 90. | 94. | 94. | 41. | 22.80 | 36.61 | 1.65 |
| 060 Hilo | 001 | F01 | 21 | 12. | 16. | 19. | 24. | 32. | 37. | 38. | 48. | 48. | 26. | 9.59 | 23.94 | 1.47 |
| 060 Honolulu | 001 | F01 | 88 | 1. | 24. | 34. | 42. | 48. | 57. | 64. | 96. | 96. | 42. | 14.65 | 37.90 | 1.78 |
|  | 004 | F01 | 23 | 39. | 43. | 52. | 58. | 67. | 83. | 83. | 84. | 84. | 60. | 13.64 | 58.84 | 1.26 |
|  | 005 | F01 | 22 | 48. | 51. | 59. | 60. | 68. | 81. | 95. | 119. | 119. | 66. | 16.38 | 64.54 | 1.24 |
| 060 Kahului | 001 | F01 | 6 | 48. | 48. | 74. | 81. | 105. | 127. | 127. | 127. | 127. | 86. | 27.07 | 82.64 | 1.39 |
| 060 Lihue | 001 | F01 | 23 | 16. | 21. | 27. | 36. | 41. | 47. | 55. | 56. | 56. | 35. | 10.95 | 33.06 | 1.40 |
| 060 Maui Co | 001 | F03 | 7 | 102. | 102. | 135. | 137. | 160. | 296. | 296. | 296. | 296. | 168. | 70.03 | 157.60 | 1.46 |
| 060 Pearl City | 002 | F01 | 16 | 25. | 25. | 29. | 53. | 71. | 89. | 103. | 103. | 103. | 54. | 24.00 | 48.41 | 1.60 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **HAWAII — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 060 Waimanalo | 002 | F03 | 22 | 16. | 19. | 26. | 30. | 39. | 50. | 53. | 64. | 64. | 33. | 12.26 | 31.14 | 1.44 |
| **IDAHO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 061 Bannock Co | 004 | F02 | 12 | 59. | 62. | 122. | 126. | 166. | 310. | 406. | 406. | 406. | 168. | 103.33 | 143.20 | 1.79 |
|  | 013 | F02 | 11 | 41. | 71. | 133. | 153. | 197. | 367. | 446. | 446. | 446. | 195. | 124.79 | 159.43 | 2.00 |
| 061 Butte Co | 001 | P03 | 6 | 1. | 1. | 3. | 3. | 9. | 11. | 11. | 11. | 11. | 6. | 4.25 | 4.08 | 3.19 |
| 061 Caribou Co | 013 | F02 | 5 | 52. | 52. | 88. | 110. | 127. | 214. | 214. | 214. | 214. |  |  |  |  |
|  | 014 | F02 | 5 | 47. | 47. | 63. | 96. | 134. | 164. | 164. | 164. | 164. |  |  |  |  |
| 061 Pocatello | 005 | F01 | 13 | 17. | 24. | 50. | 57. | 72. | 93. | 111. | 111. | 111. | 61. | 25.31 | 55.47 | 1.66 |
|  | 006 | F02 | 14 | 29. | 58. | 68. | 73. | 92. | 117. | 786. | 786. | 786. | 127. | 190.77 | 86.74 | 2.05 |
| 062 Coeur DOalene | 001 | F01 | 8 | 13. | 13. | 65. | 91. | 119. | 272. | 272. | 272. | 272. | 107. | 82.50 | 76.74 | 2.65 |
| 062 Kellogg | 004 | F02 | 24 | 15. | 33. | 52. | 80. | 114. | 187. | 189. | 230. | 230. | 92. | 56.96 | 75.69 | 1.97 |
|  | 006 | F02 | 23 | 28. | 33. | 50. | 92. | 104. | 205. | 210. | 220. | 220. | 96. | 59.24 | 79.75 | 1.90 |
|  | 007 | C04 | 74 | 12. | 19. | 29. | 43. | 66. | 144. | 167. | 424. | 424. | 63. | 64.34 | 46.12 | 2.12 |
|  | 008 | C04 | 70 | 12. | 23. | 37. | 54. | 67. | 158. | 211. | 276. | 276. | 71. | 59.25 | 54.93 | 2.01 |
|  | 009 | C04 | 79 | 13. | 34. | 58. | 84. | 117. | 225. | 292. | 375. | 375. | 107. | 79.74 | 84.92 | 2.00 |
|  | 010 | C04 | 77 | 13. | 23. | 35. | 50. | 68. | 139. | 181. | 241. | 241. | 64. | 48.39 | 50.90 | 1.96 |
| 062 Lewiston | 004 | F01 | 5 | 54. | 54. | 85. | 108. | 128. | 150. | 150. | 150. | 150. |  |  |  |  |
| 062 Moscow | 001 | F01 | 6 | 38. | 38. | 40. | 45. | 83. | 105. | 105. | 105. | 105. |  |  |  |  |
| 062 Shoshone Co | 004 | F02 | 26 | 22. | 37. | 58. | 87. | 141. | 224. | 280. | 309. | 309. | 114. | 75.79 | 92.87 | 1.96 |
|  | 016 | F05 | 20 | 17. | 20. | 33. | 47. | 63. | 121. | 134. | 221. | 221. | 65. | 50.04 | 51.01 | 2.00 |
|  | 017 | F05 | 26 | 23. | 28. | 47. | 65. | 92 | 191. | 196. | 222. | 222. | 87. | 57.69 | 71.34 | 1.92 |
|  | 018 | F05 | 25 | 15. | 19. | 26. | 34. | 101. | 307. | 336. | 393. | 393. | 91. | 105.56 | 54.06 | 2.70 |
|  | 019 | F05 | 26 | 12. | 14. | 24. | 44. | 63. | 98. | 98. | 111. | 111. | 48. | 29.83 | 39.56 | 1.95 |
|  | 020 | F05 | 27 | 16. | 25. | 37. | 67. | 78. | 155. | 169. | 204. | 204. | 71. | 48.69 | 57.48 | 1.95 |
|  | 021 | F05 | 26 | 14. | 34. | 66. | 90. | 166. | 282. | 285. | 452. | 452. | 126. | 100.92 | 94.00 | 2.25 |
|  | 022 | C04 | 81 | 15. | 27. | 46. | 65. | 92. | 163. | 190. | 341. | 341. | 83. | 62.76 | 64.47 | 2.04 |
|  | 023 | C04 | 78 | 3. | 14. | 23. | 38. | 53. | 95. | 128. | 231. | 231. | 49. | 42.08 | 36.10 | 2.22 |
|  | 024 | C04 | 80 | 6. | 16. | 26. | 43. | 68. | 163. | 181. | 248. | 248. | 64. | 57.53 | 45.25 | 2.31 |
|  | 025 | C04 | 80 | 8. | 15. | 23. | 36. | 64. | 117. | 138. | 207. | 207. | 52. | 43.79 | 39.43 | 2.10 |
| 063 Jerome Co | 001 | F03 | 6 | 17. | 17. | 33. | 51. | 122. | 332. | 332. | 332. | 332. |  |  |  |  |
| 063 Twin Falls | 001 | F01 | 9 | 48. | 48. | 121. | 138. | 145. | 171. | 171. | 171. | 171. | 127. | 38.71 | 119.34 | 1.49 |
| 064 Ada Co | 001 | F03 | 12 | 14. | 18. | 21. | 25. | 35. | 38. | 64. | 64. | 64. | 29. | 13.45 | 26.90 | 1.51 |
| 064 Boise City | 002 | P01 | 2 | 52. | 52. | 52. | 52. | 120. | 120. | 120. | 120. | 120. |  |  |  |  |
|  | 003 | F01 | 10 | 16. | 16. | 69. | 93. | 123. | 132. | 209. | 209. | 209. | 99. | 53.54 | 82.77 | 2.02 |
| 064 Nampa | 001 | F01 | 10 | 21. | 21. | 48. | 73. | 84. | 106. | 234. | 234. | 234. | 83. | 58.82 | 69.04 | 1.90 |
| **ILLINOIS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 065 East Peoria | 002 | F01 | 11 | 73. | 73. | 97. | 111. | 162. | 187. | 240. | 240. | 240. | 128. | 53.65 | 119.02 | 1.49 |
| 065 Galesburg | 001 | F01 | 10 | 13. | 13. | 50. | 80. | 89. | 120. | 125. | 125. | 125. | 75. | 35.22 | 64.17 | 1.96 |
| 065 Pekin | 004 | F01 | 4 | 65. | 65. | 103. | 103. | 117. | 191. | 191. | 191. | 191. |  |  |  |  |
| 065 Peoria | 001 | F01 | 5 | 64. | 64. | 71. | 78. | 91. | 100. | 100. | 100. | 100. | 81. | 14.65 | 79.75 | 1.20 |
|  | 001 | P01 | 6 | 40. | 40. | 57. | 74. | 100. | 120. | 120. | 120. | 120. | 78. | 28.84 | 73.04 | 1.48 |
|  | 023 | F01 | 11 | 48. | 57. | 65. | 81. | 90. | 95. | 108. | 108. | 108. | 77. | 19.09 | 75.14 | 1.29 |
|  | 027 | F01 | 11 | 27. | 42. | 45. | 56. | 73. | 98. | 186. | 186. | 186. | 70. | 43.33 | 61.47 | 1.67 |
|  | 028 | F01 | 12 | 29. | 34. | 46. | 56. | 86. | 92. | 113. | 113. | 113. | 63. | 25.69 | 58.41 | 1.51 |
| 066 Bloomington | 001 | F01 | 9 | 42. | 42. | 55. | 70. | 82. | 95. | 95. | 95. | 95. | 70. | 18.75 | 67.66 | 1.32 |
| 066 Champaign | 001 | F01 | 5 | 28. | 28. | 37. | 40. | 40. | 46. | 46. | 46. | 46. |  |  |  |  |
| 067 Arlington Heights | 001 | G01 | 29 | 31. | 43. | 56. | 76. | 98. | 131. | 143. | 173. | 173. | 79. | 33.90 | 72.03 | 1.53 |
| 067 Bensenville | 001 | F01 | 10 | 28. | 28. | 30. | 65. | 86. | 114. | 130. | 130. | 130. | 68. | 38.47 | 58.15 | 1.86 |
|  | 002 | F01 | 11 | 48. | 50. | 55. | 59. | 71. | 144. | 146. | 146. | 146. | 76. | 35.57 | 70.67 | 1.48 |
| 067 Blue Island | 001 | G01 | 29 | 35. | 44. | 54. | 86. | 104. | 150. | 174. | 182. | 182. | 90. | 40.19 | 81.36 | 1.57 |
| 067 Bradley | 001 | F01 | 9 | 46. | 46. | 77. | 164. | 221. | 302. | 302. | 302. | 302. | 156. | 89.78 | 130.46 | 1.96 |
| 067 Calumet City | 001 | G01 | 26 | 26. | 41. | 46. | 61. | 80. | 103. | 141. | 190. | 190. | 70. | 35.13 | 63.87 | 1.55 |
| 067 Cary | 001 | F01 | 6 | 23. | 23. | 24. | 29. | 55. | 164. | 164. | 164. | 164. | 58. | 53.91 | 43.96 | 2.10 |
| 067 Chicago | 001 | P01 | 4 | 105. | 105. | 130. | 130. | 135. | 245. | 245. | 245. | 245. |  |  |  |  |
|  | 002 | P01 | 8 | 110. | 110. | 125. | 130. | 175. | 240. | 240. | 240. | 240. | 154. | 44.86 | 148.61 | 1.31 |
|  | 003 | H01 | 26 | 30. | 37. | 44. | 58. | 75. | 114. | 125. | 127. | 127. | 66. | 27.43 | 60.58 | 1.50 |
|  | 004 | H01 | 26 | 35. | 46. | 57. | 78. | 97. | 116. | 140. | 149. | 149. | 81. | 30.51 | 74.93 | 1.48 |
|  | 005 | H01 | 28 | 64. | 72. | 85. | 104. | 120. | 160. | 165. | 192. | 192. | 108. | 33.19 | 103.14 | 1.34 |
|  | 007 | H01 | 28 | 28. | 31. | 40. | 45. | 55. | 98. | 165. | 193. | 193. | 58. | 38.38 | 50.68 | 1.61 |
|  | 009 | H01 | 27 | 26. | 48. | 59. | 66. | 87. | 141. | 177. | 179. | 179. | 79. | 37.32 | 72.55 | 1.53 |
|  | 010 | H01 | 27 | 38. | 47. | 68. | 75. | 95. | 185. | 186. | 272. | 272. | 92. | 51.59 | 82.17 | 1.59 |
|  | 011 | H01 | 25 | 37. | 41. | 57. | 68. | 75. | 118. | 135. | 218. | 218. | 77. | 38.09 | 70.72 | 1.50 |
|  | 012 | H01 | 24 | 26. | 64. | 35. | 114. | 123. | 158. | 167. | 180. | 180. | 108. | 38.43 | 100.48 | 1.54 |
|  | 014 | H01 | 22 | 36. | 44. | 56. | 72. | 97. | 122. | 137. | 155. | 155. | 79. | 31.81 | 73.04 | 1.50 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ILLINOIS — Cont.** | | | | | | | | | | | | | | | | |
| | 015 | H01 | 25 | 43. | 58. | 65. | 74. | 95. | 134. | 141. | 144. | 144. | 86. | 29.10 | 81.37 | 1.39 |
| | 016 | H01 | 28 | 36. | 52. | 60. | 70. | 87. | 155. | 161. | 233. | 233. | 85. | 42.77 | 77.04 | 1.52 |
| | 017 | H01 | 26 | 36. | 49. | 59. | 75. | 88. | 152. | 163. | 257. | 257. | 88. | 46.95 | 79.16 | 1.56 |
| | 018 | H01 | 21 | 22. | 38. | 44. | 49. | 58. | 91. | 153. | 167. | 167. | 62. | 36.47 | 54.79 | 1.61 |
| | 019 | H01 | 24 | 50. | 59. | 69. | 76. | 98. | 163. | 165. | 285. | 285. | 95. | 50.29 | 86.92 | 1.49 |
| | 020 | H01 | 20 | 30. | 34. | 41. | 64. | 75. | 120. | 130. | 145. | 145. | 68. | 32.71 | 61.36 | 1.58 |
| | 021 | H01 | 25 | 37. | 45. | 58. | 80. | 119. | 145. | 157. | 289. | 289. | 93. | 53.95 | 82.10 | 1.65 |
| | 022 | H01 | 23 | 74. | 84. | 114. | 145. | 200. | 296. | 303. | 367. | 367. | 167. | 78.85 | 151.22 | 1.56 |
| | 025 | H01 | 26 | 31. | 42. | 47. | 57. | 81. | 107. | 122. | 128. | 128. | 68. | 26.86 | 63.35 | 1.46 |
| | 028 | H01 | 20 | 21. | 45. | 48. | 70. | 84. | 111. | 116. | 133. | 133. | 72. | 28.35 | 66.80 | 1.54 |
| | 029 | H01 | 20 | 36. | 37. | 50. | 69. | 82. | 131. | 138. | 149. | 149. | 76. | 35.01 | 68.89 | 1.57 |
| | 030 | H01 | 24 | 52. | 53. | 66. | 78. | 105. | 138. | 197. | 203. | 203. | 93. | 41.59 | 85.41 | 1.48 |
| | 031 | H01 | 22 | 30. | 67. | 102. | 125. | 146. | 188. | 214. | 229. | 229. | 124. | 50.12 | 113.44 | 1.60 |
| | 032 | H01 | 22 | 23. | 34. | 47. | 59. | 70. | 104. | 115. | 127. | 127. | 64. | 27.69 | 58.62 | 1.55 |
| | 033 | F01 | 10 | 56. | 56. | 81. | 85. | 101. | 127. | 199. | 199. | 199. | 100. | 39.84 | 94.09 | 1.41 |
| | 034 | H01 | 6 | 27. | 27. | 33. | 37. | 69. | 109. | 109. | 109. | 109. | | | | |
| 067 Chicago Heights | 001 | G01 | 29 | 24. | 28. | 43. | 50. | 74. | 139. | 146. | 150. | 150. | 65. | 36.71 | 56.48 | 1.69 |
| | 003 | F01 | 3 | 60. | 60. | 60. | 85. | 151. | 151. | 151. | 151. | 151. | | | | |
| 067 Cicero | 001 | G01 | 29 | 49. | 53. | 75. | 94. | 121. | 155. | 199. | 213. | 213. | 102. | 40.11 | 95.49 | 1.45 |
| 067 Cook Co | 002 | H01 | 15 | 71. | 72. | 84. | 96. | 129. | 170. | 231. | 231. | 231. | 114. | 44.67 | 107.44 | 1.42 |
| | 015 | H01 | 15 | 32. | 56. | 118. | 129. | 163. | 232. | 289. | 289. | 289. | 140. | 66.47 | 123.55 | 1.76 |
| | 016 | H01 | 15 | 54. | 54. | 60. | 65. | 111. | 142. | 153. | 153. | 153. | 87. | 35.80 | 81.11 | 1.47 |
| | 017 | H01 | 15 | 53. | 58. | 72. | 99. | 104. | 140. | 154. | 154. | 154. | 95. | 31.53 | 89.72 | 1.40 |
| 067 Crete | 001 | G01 | 10 | 21. | 21. | 36. | 47. | 65. | 100. | 138. | 138. | 138. | 61. | 36.05 | 53.03 | 1.76 |
| 067 Crystal Lake | 002 | F01 | 9 | 28. | 28. | 30. | 31. | 33. | 65. | 65. | 65. | 65. | 37. | 12.76 | 35.02 | 1.34 |
| 067 Des Plaines | 001 | G01 | 29 | 17. | 33. | 39. | 55. | 64. | 88. | 98. | 118. | 118. | 56. | 23.24 | 51.89 | 1.53 |
| 067 Downers Grove | 001 | F01 | 4 | 78. | 78. | 96. | 96. | 108. | 155. | 155. | 155. | 155. | | | | |
| 067 Elgin | 001 | F01 | 11 | 32. | 40. | 41. | 62. | 70. | 108. | 138. | 138. | 138. | 65. | 32.21 | 59.21 | 1.56 |
| 067 Evanston | 001 | F01 | 12 | 22. | 22. | 28. | 33. | 45. | 62. | 68. | 68. | 68. | 39. | 15.38 | 35.96 | 1.48 |
| 067 Flossmoor | 001 | G01 | 29 | 19. | 31. | 36. | 43. | 61. | 98. | 105. | 116. | 116. | 51. | 23.72 | 46.78 | 1.54 |
| 067 Franklin Park | 001 | G01 | 28 | 33. | 35. | 47. | 61. | 80. | 114. | 169. | 172. | 172. | 71. | 36.19 | 64.32 | 1.57 |
| 067 Harvey | 001 | G01 | 29 | 33. | 39. | 50. | 61. | 82. | 155. | 194. | 211. | 211. | 77. | 45.81 | 67.67 | 1.64 |
| 067 Hillside | 001 | G01 | 28 | 31. | 37. | 50. | 62. | 89. | 142. | 153. | 197. | 197. | 77. | 40.49 | 68.73 | 1.62 |
| 067 Joliet | 001 | A01 | 2 | 46. | 46. | 46. | 46. | 87. | 87. | 87. | 87. | 87. | | | | |
| | 001 | P01 | 8 | 49. | 49. | 61. | 63. | 69. | 140. | 140. | 140. | 140. | 80. | 34.81 | 74.20 | 1.47 |
| | 002 | G01 | 10 | 25. | 25. | 33. | 43. | 57. | 77. | 88. | 88. | 88. | 50. | 21.07 | 46.30 | 1.53 |
| | 003 | G01 | 10 | 34. | 34. | 44. | 57. | 72. | 133. | 137. | 137. | 137. | 71. | 36.63 | 63.62 | 1.61 |
| | 004 | G01 | 10 | 38. | 38. | 55. | 63. | 67. | 106. | 194. | 194. | 194. | 76. | 45.42 | 68.07 | 1.59 |
| | 005 | F01 | 10 | 41. | 41. | 53. | 84. | 100. | 142. | 406. | 406. | 406. | 117. | 107.35 | 91.87 | 1.95 |
| | 006 | G01 | 10 | 22. | 22. | 29. | 30. | 41. | 95. | 97. | 97. | 97. | 47. | 28.26 | 41.20 | 1.70 |
| | 007 | G01 | 9 | 37. | 37. | 61. | 75. | 101. | 219. | 219. | 219. | 219. | 91. | 54.03 | 79.75 | 1.68 |
| 067 Lake Co | 001 | F01 | 9 | 32. | 32. | 52. | 54. | 74. | 106. | 106. | 106. | 106. | 61. | 22.06 | 58.08 | 1.43 |
| 067 Lake Bluff | 001 | F01 | 9 | 21. | 21. | 29. | 45. | 52. | 73. | 73. | 73. | 73. | 42. | 17.27 | 38.94 | 1.53 |
| 067 Lockport | 002 | G01 | 10 | 35. | 35. | 42. | 52. | 65. | 140. | 150. | 150. | 150. | 70. | 41.31 | 61.49 | 1.65 |
| 067 Midlothian | 001 | G01 | 25 | 24. | 30. | 42. | 57. | 62. | 113. | 114. | 134. | 134. | 59. | 27.64 | 53.75 | 1.55 |
| 067 Morton Grove | 001 | H01 | 8 | 29. | 29. | 47. | 53. | 71. | 85. | 85. | 85. | 85. | | | | |
| 067 Niles | 001 | G01 | 19 | 25. | 38. | 53. | 59. | 71. | 83. | 95. | 95. | 95. | 61. | 16.55 | 58.51 | 1.36 |
| 067 North Chicago | 002 | F01 | 5 | 22. | 22. | 54. | 58. | 63. | 75. | 75. | 75. | 75. | 54. | 19.76 | 50.41 | 1.62 |
| | 002 | P01 | 7 | 23. | 23. | 32. | 44. | 60. | 88. | 88. | 88. | 88. | 49. | 24.80 | 44.02 | 1.68 |
| 067 Oak Park | 002 | G01 | 29 | 31. | 33. | 40. | 60. | 73. | 94. | 139. | 157. | 157. | 63. | 30.46 | 57.29 | 1.54 |
| 067 Orland Park | 001 | G01 | 29 | 26. | 28. | 38. | 47. | 61. | 113. | 123. | 125. | 125. | 57. | 28.48 | 51.38 | 1.58 |
| 067 Palatine | 001 | G01 | 29 | 16. | 25. | 35. | 40. | 64. | 78. | 81. | 89. | 89. | 48. | 19.42 | 43.94 | 1.52 |
| 067 Park Forest | 001 | G01 | 29 | 17. | 25. | 36. | 47. | 67. | 90. | 114. | 222. | 222. | 57. | 39.11 | 48.46 | 1.71 |
| 067 Plainfield | 001 | G01 | 9 | 33. | 33. | 34. | 47. | 52. | 167. | 167. | 167. | 167. | 68. | 53.40 | 55.57 | 1.88 |
| 067 Plano | 001 | F01 | 6 | 38. | 38. | 40. | 67. | 151. | 248. | 248. | 248. | 248. | | | | |
| 068 Galena | 002 | F01 | 10 | 29. | 29. | 59. | 66. | 109. | 154. | 204. | 204. | 204. | 94. | 53.75 | 80.59 | 1.79 |
| 069 East Moline | 001 | F01 | 11 | 47. | 51. | 71. | 97. | 105. | 139. | 150. | 150. | 150. | 91. | 34.25 | 85.34 | 1.48 |
| 069 Milan | 001 | F01 | 9 | 52. | 52. | 67. | 89. | 134. | 235. | 235. | 235. | 235. | 108. | 58.78 | 96.79 | 1.63 |
| 069 Moline | 001 | F01 | 10 | 39. | 39. | 48. | 78. | 91. | 108. | 143. | 143. | 143. | 79. | 32.76 | 72.93 | 1.53 |
| | 001 | P01 | 5 | 47. | 47. | 59. | 63. | 94. | 105. | 105. | 105. | 105. | 74. | 24.67 | 70.36 | 1.40 |
| | 002 | F01 | 9 | 18. | 18. | 36. | 44. | 68. | 74. | 74. | 74. | 74. | 47. | 20.23 | 42.72 | 1.64 |
| 069 Rock Island | 001 | P01 | 8 | 41. | 41. | 55. | 59. | 78. | 90. | 90. | 90. | 90. | 64. | 16.65 | 62.49 | 1.30 |
| 070 Alton | 004 | F01 | 10 | 29. | 29. | 57. | 58. | 72. | 104. | 108. | 108. | 108. | 68. | 23.55 | 64.38 | 1.45 |
| | 005 | F01 | 6 | 52. | 52. | 54. | 55. | 65. | 71. | 71. | 71. | 71. | | | | |
| 070 Belleville | 001 | F01 | 11 | 27. | 45. | 50. | 60. | 67. | 82. | 89. | 89. | 89. | 60. | 17.57 | 57.36 | 1.39 |
| 070 Collinsville | 002 | F01 | 11 | 25. | 45. | 59. | 66. | 68. | 76. | 133. | 133. | 133. | 65. | 26.77 | 60.85 | 1.50 |
| 070 Columbia | 001 | F01 | 10 | 18. | 18. | 35. | 49. | 63. | 66. | 74. | 74. | 74. | 50. | 18.65 | 45.95 | 1.57 |
| 070 East St Louis | 002 | F01 | 11 | 29. | 59. | 71. | 81. | 96. | 108. | 127. | 127. | 127. | 82. | 26.61 | 77.51 | 1.49 |
| | 004 | P01 | 4 | 70. | 70. | 70. | 70. | 83. | 150. | 150. | 150. | 150. | 93. | 38.33 | 88.38 | 1.44 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours
### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ILLINOIS — Cont.** | | | | | | | | | | | | | | | | |
| | 009 | F01 | 12 | 22. | 42. | 43. | 56. | 87. | 96. | 109. | 109. | 109. | 65. | 27.65 | 58.80 | 1.61 |
| 070 Edwardsville | 002 | F01 | 11 | 22. | 35. | 42. | 44. | 53. | 66. | 84. | 84. | 84. | 49. | 16.39 | 46.40 | 1.42 |
| 070 Granite City | 006 | F01 | 5 | 56. | 56. | 77. | 77. | 77. | 123. | 123. | 123. | 123. | | | | |
| | 007 | H01 | 1 | 55. | 55. | 55. | 55. | 55. | 55. | 55. | 55. | 55. | | | | |
| 071 Bureau Co | 001 | F01 | 12 | 52. | 56. | 65. | 72. | 80. | 143. | 212. | 212. | 212. | 88. | 45.97 | 80.58 | 1.50 |
| 071 Ottawa | 002 | F01 | 8 | 28. | 28. | 35. | 44. | 45. | 86. | 86. | 86. | 86. | 49. | 21.20 | 45.41 | 1.49 |
| 072 Metropolis | 007 | F01 | 10 | 27. | 27. | 41. | 58. | 59. | 68. | 83. | 83. | 83. | 55. | 15.97 | 52.48 | 1.38 |
| 073 De Kalb | 001 | F01 | 8 | 24. | 24. | 38. | 45. | 53. | 66. | 66. | 66. | 66. | 46. | 14.27 | 44.11 | 1.41 |
| 073 Rockford | 001 | P01 | 8 | 34. | 34. | 55. | 55. | 58. | 94. | 94. | 94. | 94. | 60. | 21.20 | 56.56 | 1.43 |
| 074 Carbondale | 001 | F01 | 4 | 20. | 20. | 22. | 22. | 27. | 30. | 30. | 30. | 30. | | | | |
| 074 Effingham | 001 | F01 | 6 | 20. | 20. | 26. | 39. | 47. | 56. | 56. | 56. | 56. | | | | |
| 074 Marion | 001 | F01 | 10 | 17. | 17. | 34. | 36. | 48. | 53. | 53. | 53. | 53. | 40. | 11.50 | 37.80 | 1.41 |
| 074 Mount Vernon | 001 | F01 | 1 | 31. | 31. | 31. | 31. | 31. | 31. | 31. | 31. | 31. | | | | |
| 075 Decatur | 002 | F01 | 10 | 42. | 42. | 89. | 92. | 115. | 144. | 209. | 209. | 209. | 107. | 46.60 | 98.28 | 1.57 |
| | 003 | F01 | 6 | 41. | 41. | 48. | 48. | 79. | 89. | 89. | 89. | 89. | | | | |
| | 004 | F01 | 8 | 35. | 35. | 46. | 52. | 57. | 95. | 95. | 95. | 95. | 54. | 18.75 | 51.59 | 1.37 |
| 075 Petersburg | 001 | F01 | 9 | 36. | 36. | 44. | 51. | 61. | 112. | 112. | 112. | 112. | 61. | 27.40 | 56.97 | 1.49 |
| 075 Springfield | 001 | P01 | 6 | 42. | 42. | 43. | 45. | 60. | 67. | 67. | 67. | 67. | 53. | 10.76 | 51.93 | 1.23 |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 067 Chesterton | 001 | G01 | 2 | 23. | 23. | 23. | 23. | 44. | 44. | 44. | 44. | 44. | | | | |
| 067 Crown Point | 001 | F01 | 14 | 24. | 26. | 37. | 40. | 48. | 82. | 167. | 167. | 167. | 53. | 36.81 | 45.71 | 1.67 |
| 067 East Chicago | 001 | H02 | 14 | 52. | 54. | 75. | 78. | 94. | 108. | 194. | 194. | 194. | 88. | 35.84 | 82.65 | 1.42 |
| | 001 | P01 | 8 | 46. | 46. | 72. | 79. | 97. | 180. | 180. | 180. | 180. | 92. | 41.35 | 85.24 | 1.51 |
| | 003 | H02 | 14 | 51. | 69. | 97. | 108. | 115. | 164. | 221. | 221. | 221. | 113. | 41.30 | 106.25 | 1.42 |
| | 004 | H02 | 15 | 54. | 76. | 105. | 133. | 184. | 330. | 701. | 701. | 701. | 185. | 160.15 | 147.97 | 1.89 |
| | 006 | H02 | 15 | 36. | 38. | 59. | 85. | 90. | 142. | 153. | 153. | 153. | 81. | 33.54 | 74.46 | 1.53 |
| | 007 | H02 | 13 | 33. | 34. | 53. | 61. | 81. | 172. | 214. | 214. | 214. | 79. | 53.85 | 66.97 | 1.73 |
| 067 Gary | 001 | H01 | 13 | 36. | 48. | 70. | 80. | 97. | 181. | 215. | 215. | 215. | 98. | 54.38 | 86.19 | 1.69 |
| | 001 | P01 | 7 | 47. | 47. | 79. | 83. | 105. | 290. | 290. | 290. | 290. | 125. | 93.58 | 99.87 | 2.02 |
| | 002 | H01 | 12 | 4. | 57. | 71. | 94. | 120. | 136. | 326. | 326. | 326. | 107. | 77.97 | 78.06 | 2.88 |
| | 003 | H01 | 15 | 34. | 44. | 63. | 75. | 87. | 214. | 286. | 286. | 286. | 93. | 67.87 | 78.52 | 1.74 |
| | 004 | H01 | 76 | 37. | 63. | 84. | 108. | 139. | 181. | 260. | 370. | 370. | 120. | 59.58 | 107.88 | 1.59 |
| | 005 | H01 | 15 | 19. | 21. | 34. | 49. | 65. | 76. | 76. | 76. | 76. | 50. | 21.07 | 45.09 | 1.62 |
| | 008 | H01 | 12 | 31. | 40. | 48. | 53. | 69. | 91. | 207. | 207. | 207. | 69. | 46.35 | 60.29 | 1.62 |
| | 009 | H01 | 15 | 24. | 34. | 56. | 77. | 91. | 106. | 183. | 183. | 183. | 77. | 39.58 | 67.63 | 1.71 |
| | 011 | H01 | 14 | 28. | 35. | 47. | 81. | 104. | 127. | 235. | 235. | 235. | 88. | 53.78 | 74.87 | 1.83 |
| | 012 | H01 | 14 | 44. | 48. | 54. | 57. | 72. | 116. | 139. | 139. | 139. | 70. | 27.14 | 66.02 | 1.39 |
| 067 Hammond | 001 | H01 | 13 | 40. | 43. | 49. | 69. | 87. | 98. | 184. | 184. | 184. | 75. | 38.42 | 67.84 | 1.53 |
| | 001 | P01 | 6 | 38. | 38. | 48. | 73. | 105. | 195. | 195. | 195. | 195. | 91. | 56.62 | 78.37 | 1.79 |
| | 002 | H01 | 15 | 29. | 38. | 52. | 67. | 86. | 127. | 205. | 205. | 205. | 78. | 45.51 | 68.39 | 1.69 |
| | 004 | F01 | 15 | 23. | 34. | 37. | 49. | 58. | 119. | 183. | 183. | 183. | 61. | 41.30 | 52.72 | 1.69 |
| | 004 | H01 | 15 | 33. | 38. | 51. | 58. | 68. | 110. | 196. | 196. | 196. | 69. | 40.64 | 62.19 | 1.57 |
| | 005 | H01 | 15 | 50. | 60. | 64. | 94. | 121. | 148. | 227. | 227. | 227. | 102. | 45.46 | 94.02 | 1.50 |
| | 006 | H01 | 15 | 36. | 41. | 59. | 63. | 87. | 104. | 266. | 266. | 266. | 80. | 55.65 | 69.96 | 1.64 |
| | 007 | H01 | 15 | 37. | 38. | 53. | 61. | 67. | 113. | 209. | 209. | 209. | 72. | 42.56 | 65.20 | 1.54 |
| 067 Porter Co | 005 | G01 | 1 | 31. | 31. | 31. | 31. | 31. | 31. | 31. | 31. | 31. | | | | |
| | 007 | G01 | 2 | 37. | 37. | 37. | 37. | 39. | 39. | 39. | 39. | 39. | | | | |
| | 008 | G01 | 1 | 45. | 45. | 45. | 45. | 45. | 45. | 45. | 45. | 45. | | | | |
| | 009 | G01 | 2 | 34. | 34. | 34. | 34. | 36. | 36. | 36. | 36. | 36. | | | | |
| 067 Valparaiso | 002 | G01 | 2 | 23. | 23. | 23. | 23. | 32. | 32. | 32. | 32. | 32. | | | | |
| | 003 | G01 | 1 | 33. | 33. | 33. | 33. | 33. | 33. | 33. | 33. | 33. | | | | |
| 067 Whiting | 003 | F01 | 12 | 33. | 50. | 67. | 74. | 106. | 145. | 165. | 165. | 165. | 86. | 38.74 | 78.34 | 1.57 |
| 076 Anderson | 003 | H01 | 5 | 45. | 45. | 52. | 54. | 58. | 68. | 68. | 68. | 68. | | | | |
| | 004 | H01 | 8 | 37. | 37. | 42. | 58. | 65. | 71. | 71. | 71. | 71. | 55. | 12.87 | 53.80 | 1.28 |
| | 006 | F01 | 12 | 25. | 31. | 40. | 52. | 67. | 84. | 115. | 115. | 115. | 57. | 24.79 | 52.29 | 1.53 |
| 076 Marion | 001 | F01 | 14 | 24. | 34. | 45. | 52. | 69. | 81. | 144. | 144. | 144. | 59. | 29.66 | 53.86 | 1.57 |
| 076 Richmond | 001 | F01 | 14 | 26. | 40. | 43. | 46. | 47. | 66. | 107. | 107. | 107. | 50. | 18.61 | 47.86 | 1.37 |
| | 002 | F01 | 15 | 25. | 32. | 47. | 51. | 67. | 96. | 110. | 110. | 110. | 60. | 22.87 | 55.59 | 1.48 |
| | 005 | F01 | 15 | 24. | 28. | 44. | 49. | 57. | 80. | 111. | 111. | 111. | 55. | 21.83 | 51.16 | 1.48 |
| 077 Evansville | 002 | H01 | 15 | 9. | 17. | 28. | 37. | 42. | 75. | 84. | 84. | 84. | 38. | 19.95 | 33.44 | 1.76 |
| | 003 | H01 | 15 | 11. | 12. | 30. | 43. | 59. | 88. | 97. | 97. | 97. | 47. | 26.81 | 38.86 | 2.01 |
| | 006 | H01 | 18 | 31. | 33. | 41. | 50. | 62. | 75. | 84. | 84. | 84. | | | | |
| | 006 | P01 | 8 | 18. | 18. | 35. | 37. | 43. | 56. | 56. | 56. | 56. | 39. | 12.86 | 37.29 | 1.45 |
| | 008 | H01 | 12 | 15. | 18. | 35. | 47. | 66. | 69. | 76. | 76. | 76. | | | | |
| | 009 | H01 | 3 | 26. | 26. | 26. | 27. | 74. | 74. | 74. | 74. | 74. | | | | |
| 077 Jasper | 001 | F01 | 13 | 31. | 40. | 47. | 65. | 75. | 97. | 126. | 126. | 126. | 67. | 25.51 | 63.14 | 1.46 |
| 078 Charlestown | 002 | F01 | 15 | 18. | 22. | 30. | 38. | 46. | 58. | 98. | 98. | 98. | 41. | 19.45 | 37.65 | 1.52 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. conc. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **INDIANA — Cont.** | | | | | | | | | | | | | | | | |
| 078 Jeffersonville | 001 | F01 | 13 | 22. | 26. | 56. | 63. | 78. | 90. | 95. | 95. | 95. | 63. | 22.58 | 58.37 | 1.56 |
| 079 Lawrenceburg | 002 | F01 | 9 | 37. | 37. | 46. | 53. | 64. | 109. | 109. | 109. | 109. | 60. | 21.91 | 57.07 | 1.38 |
| | 003 | F01 | 3 | 31. | 31. | 31. | 56. | 79. | 79. | 79. | 79. | 79. | | | | |
| 080 Indianapolis | 001 | H01 | 13 | 31. | 42. | 53. | 69. | 76. | 87. | 105. | 105. | 105. | 66. | 20.16 | 62.87 | 1.39 |
| | 001 | P01 | 3 | 69. | 69. | 70. | 74. | 88. | 90. | 90. | 90. | 90. | 78. | 10.06 | 77.69 | 1.14 |
| | 002 | H01 | 60 | 30. | 40. | 57. | 67. | 77. | 107. | 148. | 226. | 226. | 76. | 34.88 | 69.50 | 1.50 |
| | 003 | H01 | 14 | 46. | 52. | 74. | 79. | 98. | 119. | 149. | 149. | 149. | 87. | 26.74 | 83.41 | 1.36 |
| | 004 | H01 | 63 | 19. | 49. | 55. | 64. | 76. | 100. | 108. | 180. | 180. | 69. | 25.71 | 64.79 | 1.43 |
| | 008 | H01 | 12 | 31. | 46. | 35. | 57. | 68. | 86. | 95. | 95. | 95. | 61. | 17.15 | 59.17 | 1.34 |
| | 009 | H01 | 14 | 52. | 54. | 59. | 62. | 71. | 93. | 161. | 161. | 161. | 74. | 28.15 | 70.01 | 1.35 |
| | 011 | H01 | 16 | 40. | 47. | 67. | 72. | 80. | 99. | 107. | 107. | 107. | 73. | 18.15 | 70.27 | 1.31 |
| | 013 | H01 | 15 | 27. | 28. | 34. | 44. | 56. | 62. | 80. | 80. | 80. | 45. | 15.28 | 43.13 | 1.39 |
| | 014 | H01 | 11 | 32. | 32. | 41. | 45. | 49. | 56. | 56. | 56. | 56. | 45. | 8.20 | 43.92 | 1.21 |
| | 015 | H01 | 15 | 38. | 41. | 63. | 72. | 97. | 166. | 214. | 214. | 214. | 91. | 49.73 | 80.66 | 1.63 |
| | 021 | F01 | 11 | 31. | 40. | 49. | 61. | 67. | 87. | 172. | 172. | 172. | 67. | 38.21 | 60.28 | 1.58 |
| | 022 | H01 | 16 | 26. | 30. | 39. | 49. | 56. | 84. | 91. | 91. | 91. | 50. | 18.51 | 46.74 | 1.44 |
| | 023 | H01 | 10 | 27. | 27. | 28. | 35. | 42. | 48. | 51. | 51. | 51. | 37. | 9.10 | 36.11 | 1.28 |
| | 024 | H01 | 58 | 14. | 21. | 27. | 38. | 50. | 70. | 93. | 152. | 152. | 43. | 23.90 | 37.84 | 1.63 |
| | 025 | H01 | 63 | 22. | 42. | 62. | 70. | 88. | 114. | 133. | 170. | 170. | 76. | 29.23 | 70.90 | 1.48 |
| | 026 | H01 | 15 | 22. | 23. | 29. | 33. | 33. | 45. | 48. | 48. | 48. | 32. | 8.01 | 31.52 | 1.27 |
| 081 Fort Wayne | 002 | P01 | 2 | 67. | 67. | 67. | 67. | 110. | 110. | 110. | 110. | 110. | | | | |
| | 003 | F01 | 15 | 25. | 25. | 49. | 60. | 80. | 107. | 108. | 108. | 108. | 64. | 27.78 | 58.47 | 1.60 |
| 081 Steuben Co | 001 | F03 | 12 | 17. | 18. | 24. | 26. | 36. | 52. | 54. | 54. | 54. | 31. | 11.92 | 29.34 | 1.44 |
| 082 Elkhart | 001 | F01 | 13 | 29. | 34. | 36. | 45. | 56. | 77. | 78. | 78. | 78. | 49. | 16.38 | 46.84 | 1.38 |
| 082 La Porte | 001 | F01 | 8 | 46. | 46. | 49. | 56. | 90. | 111. | 111. | 111. | 111. | 72. | 25.15 | 68.00 | 1.42 |
| 082 Mishawaka | 002 | G02 | 15 | 25. | 33. | 38. | 45. | 55. | 77. | 78. | 78. | 78. | 49. | 16.02 | 46.24 | 1.39 |
| | 004 | G01 | 15 | 37. | 42. | 57. | 68. | 78. | 101. | 121. | 121. | 121. | 69. | 22.54 | 66.19 | 1.38 |
| | 005 | F01 | 5 | 41. | 41. | 42. | 56. | 63. | 64. | 64. | 64. | 64. | | | | |
| | 006 | F01 | 9 | 33. | 33. | 42. | 47. | 69. | 86. | 86. | 86. | 86. | 57. | 20.69 | 53.24 | 1.45 |
| 082 St Joseph Co | 005 | G03 | 15 | 15. | 19. | 27. | 31. | 37. | 55. | 66. | 66. | 66. | 34. | 13.75 | 32.09 | 1.48 |
| 082 South Bend | 002 | P01 | 8 | 29. | 29. | 48. | 69. | 87. | 100. | 100. | 100. | 100. | 68. | 26.44 | 62.15 | 1.58 |
| | 003 | G01 | 13 | 27. | 32. | 36. | 48. | 61. | 76. | 78. | 78. | 78. | 51. | 16.70 | 48.40 | 1.40 |
| | 004 | G02 | 14 | 16. | 25. | 36. | 49. | 56. | 70. | 79. | 79. | 79. | 47. | 17.58 | 43.43 | 1.54 |
| | 005 | G02 | 15 | 27. | 32. | 35. | 37. | 48. | 73. | 82. | 82. | 82. | 45. | 15.53 | 42.68 | 1.37 |
| | 006 | G02 | 13 | 36. | 45. | 58. | 67. | 84. | 109. | 146. | 146. | 146. | 74. | 29.23 | 69.51 | 1.45 |
| | 007 | G02 | 14 | 35. | 38. | 54. | 68. | 82. | 122. | 152. | 152. | 152. | 75. | 33.34 | 68.59 | 1.54 |
| 083 Bloomington | 001 | F01 | 14 | 20. | 25. | 50. | 51. | 56. | 93. | 109. | 109. | 109. | 55. | 24.19 | 50.51 | 1.58 |
| 083 Columbus | 002 | F02 | 13 | 18. | 26. | 28. | 35. | 40. | 60. | 70. | 70. | 70. | 38. | 14.13 | 35.53 | 1.42 |
| 083 Madison | 001 | F02 | 15 | 14. | 20. | 26. | 30. | 33. | 44. | 53. | 53. | 53. | 30. | 9.89 | 28.76 | 1.40 |
| 083 Monroe Co | 001 | P03 | 4 | 15. | 15. | 17. | 17. | 33. | 46. | 46. | 46. | 46. | | | | |
| 084 Jasper Co | 001 | F03 | 14 | 18. | 18. | 27. | 29. | 37. | 54. | 67. | 67. | 67. | 35. | 15.16 | 32.57 | 1.52 |
| 084 Kokomo | 001 | F01 | 11 | 26. | 42. | 43. | 47. | 59. | 74. | 77. | 77. | 77. | 51. | 14.83 | 49.37 | 1.35 |
| 084 Lafayette | 001 | F01 | 13 | 27. | 34. | 55. | 66. | 75. | 83. | 104. | 104. | 104. | 63. | 21.23 | 58.90 | 1.47 |
| 084 Terre Haute | 001 | P01 | 6 | 35. | 35. | 38. | 54. | 58. | 74. | 74. | 74. | 74. | 53. | 14.36 | 50.99 | 1.33 |
| | 009 | G01 | 45 | 10. | 37. | 48. | 67. | 81. | 101. | 124. | 138. | 138. | 68. | 28.17 | 61.65 | 1.62 |
| | 010 | G01 | 13 | 23. | 39. | 45. | 67. | 80. | 110. | 113. | 113. | 113. | 66. | 26.72 | 61.01 | 1.56 |
| | 012 | G01 | 13 | 50. | 54. | 61. | 74. | 92. | 104. | 119. | 119. | 119. | 79. | 20.99 | 76.59 | 1.31 |
| 084 Vigo Co | 001 | G01 | 13 | 49. | 59. | 62. | 84. | 96. | 117. | 148. | 148. | 148. | 84. | 27.55 | 80.68 | 1.37 |
| | 002 | G01 | 13 | 42. | 50. | 61. | 80. | 90. | 122. | 135. | 135. | 135. | 80. | 27.35 | 76.13 | 1.41 |
| | 004 | G01 | 10 | 40. | 40. | 47. | 61. | 82. | 113. | 141. | 141. | 141. | 76. | 32.83 | 70.46 | 1.52 |
| 084 Vincennes | 001 | F01 | 11 | 25. | 30. | 51. | 56. | 65. | 108. | 112. | 112. | 112. | 61. | 27.66 | 55.85 | 1.58 |
| **IOWA** | | | | | | | | | | | | | | | | |
| 065 Keokuk | 001 | F01 | 15 | 29. | 30. | 53. | 66. | 103. | 143. | 147. | 147. | 147. | 79. | 39.79 | 69.72 | 1.68 |
| | 002 | F01 | 8 | 29. | 29. | 55. | 67. | 174. | 298. | 298. | 298. | 298. | 125. | 99.04 | 93.86 | 2.28 |
| 068 Dubuque | 002 | P01 | 6 | 12. | 12. | 16. | 32. | 40. | 46. | 46. | 46. | 46. | 30. | 13.53 | 27.22 | 1.72 |
| | 008 | P05 | 6 | 20. | 20. | 29. | 36. | 45. | 47. | 47. | 47. | 47. | 36. | 10.07 | 34.32 | 1.37 |
| 069 Clinton | 011 | F01 | 15 | 25. | 29. | 39. | 51. | 57. | 66. | 73. | 73. | 73. | 49. | 14.64 | 46.62 | 1.38 |
| 069 Davenport | 001 | P01 | 15 | 41. | 49. | 52. | 79. | 107. | 137. | 170. | 170. | 170. | 88. | 38.26 | 80.01 | 1.55 |
| | 009 | F01 | 13 | 24. | 50. | 66. | 78. | 100. | 110. | 123. | 123. | 123. | 80. | 26.79 | 74.84 | 1.53 |
| | 010 | F01 | 15 | 19. | 24. | 32. | 50. | 59. | 71. | 83. | 83. | 83. | 47. | 18.77 | 43.26 | 1.54 |
| | 011 | F01 | 12 | 21. | 29. | 38. | 50. | 58. | 69. | 72. | 72. | 72. | 48. | 15.68 | 45.62 | 1.45 |
| 069 Scott Co | 009 | F01 | 15 | 16. | 21. | 32. | 35. | 39. | 47. | 69. | 69. | 69. | 36. | 12.22 | 34.35 | 1.40 |
| 085 Council Bluffs | 016 | F01 | 7 | 55. | 55. | 70. | 96. | 124. | 337. | 337. | 337. | 337. | 129. | 98.95 | 106.17 | 1.89 |
| | 017 | F01 | 10 | 26. | 26. | 48. | 65. | 82. | 126. | 162. | 162. | 162. | 79. | 42.52 | 69.23 | 1.76 |
| 086 Sioux City | 001 | F01 | 11 | 10. | 21. | 24. | 27. | 37. | 102. | 160. | 160. | 160. | 46. | 44.75 | 34.39 | 2.14 |
| 087 Rock Rapids | 002 | F01 | 12 | 24. | 28. | 39. | 41. | 55. | 70. | 92. | 92. | 92. | 48. | 19.38 | 45.27 | 1.46 |
| 088 Cedar Rapids | 013 | G01 | 15 | 19. | 19. | 52. | 71. | 75. | 81. | 173. | 173. | 173. | 65. | 36.74 | 56.18 | 1.81 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **IOWA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 018 | G02 | 15 | 33. | 47. | 81. | 95. | 109. | 142. | 196. | 196. | 196. | 98. | 39.35 | 90.39 | 1.54 |
|  | 018 | P01 | 8 | 45. | 45. | 62. | 79. | 90. | 162. | 162. | 162. | 162. | 86. | 37.98 | 79.14 | 1.53 |
|  | 019 | G02 | 15 | 29. | 45. | 80. | 107. | 146. | 172. | 175. | 175. | 175. | 107. | 47.17 | 95.52 | 1.72 |
|  | 023 | G01 | 14 | 41. | 95. | 107. | 110. | 174. | 207. | 282. | 282. | 282. | 143. | 61.01 | 130.89 | 1.59 |
| 088 Jones Co | 006 | F01 | 15 | 21. | 24. | 50. | 62. | 78. | 102. | 114. | 114. | 114. | 63. | 25.75 | 56.98 | 1.60 |
| 088 Linn Co | 014 | G01 | 4 | 33. | 33. | 48. | 48. | 63. | 75. | 75. | 75. | 75. |  |  |  |  |
| 088 Mount Vernon | 004 | G01 | 5 | 40. | 40. | 64. | 74. | 83. | 127. | 127. | 127. | 127. | 78. | 31.80 | 72.59 | 1.52 |
| 088 Waterloo | 003 | F01 | 14 | 27. | 41. | 53. | 62. | 75. | 111. | 232. | 232. | 232. | 75. | 49.78 | 65.46 | 1.66 |
|  | 004 | P01 | 7 | 35. | 35. | 40. | 43. | 59. | 101. | 101. | 101. | 101. | 56. | 24.34 | 52.44 | 1.48 |
| 089 Fort Dodge | 011 | F01 | 14 | 19. | 20. | 35. | 41. | 53. | 84. | 360. | 360. | 360. | 67. | 87.15 | 46.00 | 2.16 |
| 089 Mason City | 011 | F01 | 16 | 37. | 42. | 59. | 117. | 171. | 243. | 294. | 294. | 294. | 129. | 79.15 | 105.50 | 1.97 |
|  | 012 | F01 | 14 | 28. | 34. | 44. | 50. | 65. | 93. | 292. | 292. | 292. | 72. | 65.97 | 58.73 | 1.77 |
| 089 Webster City | 002 | F01 | 15 | 13. | 16. | 25. | 29. | 32. | 58. | 63. | 63. | 63. | 33. | 15.34 | 30.00 | 1.58 |
| 090 Ida Co | 003 | F01 | 10 | 14. | 14. | 25. | 62. | 64. | 75. | 109. | 109. | 109. | 53. | 30.87 | 43.82 | 2.01 |
| 090 Spencer | 001 | F01 | 15 | 21. | 28. | 41. | 49. | 66. | 133. | 311. | 311. | 311. | 71. | 71.39 | 55.56 | 1.91 |
| 091 Iowa City | 008 | F01 | 15 | 24. | 31. | 46. | 59. | 71. | 83. | 103. | 103. | 103. | 59. | 21.22 | 55.18 | 1.48 |
| 091 Keokuk Co | 004 | F01 | 15 | 15. | 17. | 24. | 29. | 37. | 55. | 76. | 76. | 76. | 34. | 16.03 | 31.18 | 1.54 |
| 091 Ottumwa | 011 | F01 | 14 | 25. | 37. | 59. | 73. | 86. | 158. | 160. | 160. | 160. | 85. | 42.61 | 75.05 | 1.70 |
| 092 Altoona | 001 | G02 | 14 | 27. | 31. | 46. | 51. | 81. | 118. | 169. | 169. | 169. | 69. | 40.62 | 59.94 | 1.72 |
| 092 Ames | 001 | F01 | 15 | 18. | 27. | 37. | 42. | 50. | 134. | 209. | 209. | 209. | 62. | 51.56 | 49.53 | 1.94 |
| 092 Ankeny | 002 | G02 | 14 | 30. | 30. | 43. | 57. | 73. | 103. | 187. | 187. | 187. | 67. | 40.95 | 58.44 | 1.67 |
| 092 Des Moines | 001 | G01 | 15 | 30. | 38. | 56. | 77. | 117. | 164. | 169. | 169. | 169. | 92. | 47.84 | 80.29 | 1.76 |
|  | 001 | P01 | 7 | 29. | 29. | 40. | 49. | 68. | 108. | 108. | 108. | 108. | 59. | 30.04 | 53.01 | 1.66 |
|  | 003 | G01 | 15 | 42. | 44. | 54. | 75. | 96. | 112. | 128. | 128. | 128. | 78. | 28.15 | 73.24 | 1.46 |
|  | 023 | F01 | 14 | 26. | 31. | 45. | 52. | 77. | 126. | 131. | 131. | 131. | 66. | 33.04 | 58.61 | 1.65 |
|  | 025 | G01 | 11 | 30. | 43. | 58. | 67. | 124. | 171. | 277. | 277. | 277. | 103. | 73.99 | 83.56 | 1.96 |
|  | 031 | G02 | 15 | 33. | 37. | 46. | 48. | 75. | 132. | 134. | 134. | 134. | 66. | 31.96 | 59.85 | 1.54 |
| 092 Marshalltown | 001 | F01 | 15 | 19. | 27. | 47. | 49. | 79. | 126. | 172. | 172. | 172. | 70. | 42.74 | 59.48 | 1.81 |
| 092 Polk Co | 019 | G01 | 12 | 33. | 35. | 41. | 46. | 89. | 185. | 185. | 185. | 185. | 76. | 54.79 | 63.02 | 1.84 |
|  | 020 | G02 | 15 | 19. | 30. | 51. | 67. | 86. | 155. | 159. | 159. | 159. | 76. | 42.05 | 65.16 | 1.79 |
|  | 021 | G02 | 15 | 25. | 28. | 33. | 42. | 45. | 59. | 63. | 63. | 63. | 42. | 11.61 | 40.13 | 1.32 |
|  | 023 | G02 | 13 | 20. | 31. | 40. | 53. | 68. | 87. | 295. | 295. | 295. | 70. | 70.19 | 54.57 | 1.89 |
| 092 West De Moines | 003 | G01 | 12 | 27. | 29. | 40. | 56. | 62. | 75. | 82. | 82. | 82. | 54. | 17.47 | 50.67 | 1.43 |
| 093 Denison | 002 | F01 | 14 | 12. | 16. | 25. | 32. | 51. | 81. | 83. | 83. | 83. | 41. | 24.46 | 34.96 | 1.85 |
| **KANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 094 Johnson Co | 003 | F01 | 14 | 21. | 28. | 50. | 57. | 62. | 83. | 97. | 97. | 97. | 54. | 20.62 | 50.20 | 1.52 |
|  | 004 | F01 | 12 | 16. | 17. | 27. | 28. | 42. | 71. | 72. | 72. | 72. | 38. | 19.74 | 33.93 | 1.66 |
| 094 Kansas City | 001 | H01 | 15 | 40. | 44. | 67. | 93. | 115. | 143. | 150. | 150. | 150. | 92. | 36.38 | 84.77 | 1.53 |
|  | 002 | H01 | 11 | 48. | 58. | 66. | 83. | 136. | 162. | 211. | 211. | 211. | 105. | 52.63 | 93.94 | 1.63 |
|  | 002 | P01 | 6 | 71. | 71. | 74. | 74. | 89. | 189. | 189. | 189. | 189. | 96. | 46.24 | 89.00 | 1.46 |
|  | 004 | H01 | 15 | 41. | 41. | 61. | 67. | 74. | 130. | 195. | 195. | 195. | 79. | 40.72 | 71.46 | 1.54 |
|  | 007 | H01 | 14 | 28. | 33. | 45. | 52. | 64. | 104. | 150. | 150. | 150. | 65. | 33.96 | 58.36 | 1.60 |
|  | 009 | H01 | 13 | 38. | 40. | 56. | 82. | 106. | 119. | 120. | 120. | 120. | 82. | 30.40 | 76.01 | 1.52 |
|  | 012 | P01 | 6 | 94. | 94. | 94. | 96. | 111. | 202. | 202. | 202. | 202. | 117. | 42.20 | 112.22 | 1.34 |
| 094 Leavenworth | 001 | F01 | 15 | 23. | 25. | 37. | 60. | 75. | 96. | 263. | 263. | 263. | 70. | 58.17 | 56.75 | 1.87 |
| 094 Leavenworth Co | 001 | F01 | 15 | 12. | 31. | 50. | 59. | 92. | 160. | 182. | 182. | 182. | 77. | 47.57 | 62.98 | 2.00 |
| 094 Lexena | 001 | F01 | 12 | 34. | 35. | 46. | 60. | 79. | 132. | 159. | 159. | 159. | 73. | 39.85 | 64.56 | 1.66 |
| 094 Olathe | 001 | F01 | 15 | 16. | 26. | 41. | 54. | 75. | 90. | 102. | 102. | 102. | 57. | 24.93 | 51.73 | 1.66 |
| 094 Overland Park | 001 | F01 | 14 | 22. | 22. | 34. | 35. | 47. | 69. | 71. | 71. | 71. | 42. | 16.35 | 38.78 | 1.48 |
| 094 Wyandotte Co | 008 | H01 | 14 | 23. | 24. | 30. | 34. | 40. | 57. | 90. | 90. | 90. | 39. | 17.24 | 36.28 | 1.44 |
| 095 Atchison | 001 | F01 | 11 | 27. | 37. | 61. | 91. | 127. | 142. | 187. | 187. | 187. | 91. | 50.37 | 77.96 | 1.86 |
| 095 Lawrence | 001 | F01 | 13 | 18. | 22. | 69. | 77. | 90. | 106. | 119. | 119. | 119. | 73. | 30.54 | 64.09 | 1.80 |
| 095 Marysville | 002 | F01 | 15 | 23. | 28. | 59. | 71. | 80. | 150. | 196. | 196. | 196. | 80. | 45.54 | 69.76 | 1.74 |
| 095 Pottawatomie Co | 001 | F01 | 12 | 8. | 9. | 24. | 43. | 80. | 113. | 148. | 148. | 148. | 57. | 43.58 | 40.78 | 2.59 |
| 095 Shawnee Co | 001 | F01 | 15 | 9. | 16. | 19. | 28. | 31. | 35. | 56. | 56. | 56. | 27. | 11.21 | 24.73 | 1.54 |
|  | 002 | F01 | 15 | 3. | 5. | 7. | 9. | 20. | 64. | 71. | 71. | 71. | 22. | 23.01 | 13.57 | 2.69 |
| 095 Topeka | 001 | F01 | 7 | 12. | 12. | 37. | 44. | 48. | 91. | 91. | 91. | 91. | 47. | 31.69 | 37.09 | 2.26 |
|  | 001 | P01 | 8 | 26. | 26. | 36. | 49. | 52. | 70. | 70. | 70. | 70. | 47. | 13.98 | 44.83 | 1.37 |
|  | 002 | F01 | 15 | 12. | 12. | 33. | 46. | 59. | 77. | 98. | 98. | 98. | 46. | 23.26 | 40.07 | 1.82 |
|  | 004 | F01 | 15 | 35. | 35. | 52. | 74. | 85. | 102. | 124. | 124. | 124. | 71. | 25.96 | 66.12 | 1.48 |
|  | 005 | F01 | 15 | 15. | 28. | 35. | 41. | 55. | 58. | 82. | 82. | 82. | 44. | 16.06 | 40.78 | 1.49 |
|  | 006 | F01 | 15 | 22. | 30. | 39. | 52. | 58. | 82. | 97. | 97. | 97. | 52. | 20.16 | 48.16 | 1.49 |
| 096 Abilene | 001 | F01 | 12 | 28. | 43. | 44. | 72. | 105. | 123. | 127. | 127. | 127. | 78. | 35.81 | 69.95 | 1.67 |
| 096 Concordia | 001 | F01 | 11 | 37. | 52. | 65. | 73. | 74. | 90. | 145. | 145. | 145. | 76. | 27.42 | 71.61 | 1.40 |
| 096 Mc Pherson | 001 | F01 | 15 | 28. | 33. | 40. | 45. | 51. | 71. | 100. | 100. | 100. | 49. | 18.23 | 46.65 | 1.38 |
| 096 Manhattan | 001 | F01 | 5 | 27. | 27. | 34. | 56. | 82. | 101. | 101. | 101. | 101. |  |  |  |  |
| 096 Salina | 001 | F01 | 15 | 7. | 8. | 12. | 21. | 27. | 49. | 52. | 52. | 52. | 24. | 14.73 | 20.06 | 1.91 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **KANSAS — Cont.** | | | | | | | | | | | | | | | | |
| 097 Goodland | 001 | F01 | 14 | 35. | 40. | 42. | 63. | 95. | 111. | 371. | 371. | 371. | 89. | 85.22 | 70.57 | 1.86 |
| 097 Great Bend | 001 | F01 | 12 | 20. | 26. | 39. | 40. | 48. | 64. | 66. | 66. | 66. | 43. | 14.43 | 40.96 | 1.44 |
| 097 Hays | 001 | F01 | 13 | 44. | 49. | 66. | 72. | 82. | 85. | 117. | 117. | 117. | 73. | 19.12 | 70.69 | 1.31 |
| 097 Phillipsburg | 001 | F01 | 15 | 20. | 41. | 50. | 57. | 67. | 109. | 117. | 117. | 117. | 64. | 27.24 | 58.43 | 1.56 |
| 098 Chanute | 001 | F01 | 12 | 17. | 29. | 46. | 59. | 62. | 88. | 90. | 90. | 90. | 57. | 22.18 | 51.64 | 1.62 |
| 098 Coffeyville | 001 | F01 | 7 | 50. | 50. | 72. | 82. | 101. | 413. | 413. | 413. | 413. | | | | |
| 098 Emporia | 002 | F01 | 12 | 15. | 38. | 61. | 71. | 89. | 120. | 164. | 164. | 164. | 80. | 38.97 | 69.19 | 1.84 |
| 098 Galena | 001 | F01 | 3 | 48. | 48. | 48. | 56. | 165. | 165. | 165. | 165. | 165. | | | | |
| 098 Linn Co | 001 | F01 | 15 | 19. | 26. | 39. | 54. | 67. | 116. | 130. | 130. | 130. | 60. | 31.27 | 53.04 | 1.70 |
| 098 Pittsburg | 001 | F01 | 15 | 4. | 7. | 25. | 38. | 45. | 49. | 60. | 60. | 60. | 35. | 15.88 | 28.84 | 2.13 |
| 099 Arkansas City | 001 | F01 | 12 | 1. | 17. | 43. | 45. | 73. | 95. | 153. | 153. | 153. | 59. | 40.51 | 36.68 | 4.39 |
| 099 El Dorado | 001 | F01 | 1 | 74. | 74. | 74. | 74. | 74. | 74. | 74. | 74. | 74. | | | | |
| 099 Hutchinson | 001 | F01 | 12 | 7. | 8. | 11. | 13. | 39. | 69. | 79. | 79. | 79. | 28. | 24.71 | 19.66 | 2.32 |
| 099 Newton | 001 | F01 | 15 | 20. | 32. | 41. | 61. | 89. | 100. | 301. | 301. | 301. | 76. | 67.75 | 60.27 | 1.93 |
| 099 Sedgwick Co | 002 | F01 | 15 | 2. | 17. | 26. | 39. | 46. | 52. | 57. | 57. | 57. | 35. | 15.22 | 29.20 | 2.29 |
| | 003 | F01 | 14 | 4. | 11. | 17. | 22. | 24. | 29. | 30. | 30. | 30. | 20. | 7.29 | 17.78 | 1.70 |
| | 004 | F01 | 14 | 15. | 23. | 34. | 46. | 53. | 64. | 94. | 94. | 94. | 47. | 19.79 | 42.51 | 1.59 |
| 099 Wellington | 001 | F01 | 4 | 44. | 44. | 61. | 61. | 62. | 150. | 150. | 150. | 150. | | | | |
| 099 Wichita | 001 | P01 | 7 | 30. | 30. | 41. | 46. | 56. | 65. | 65. | 65. | 65. | 48. | 12.59 | 46.38 | 1.32 |
| | 005 | F01 | 14 | 11. | 21. | 41. | 46. | 64. | 111. | 207. | 207. | 207. | 66. | 49.97 | 51.57 | 2.08 |
| | 006 | F01 | 14 | 17. | 30. | 38. | 40. | 52. | 65. | 83. | 83. | 83. | 46. | 16.73 | 42.69 | 1.48 |
| | 007 | F01 | 14 | 21. | 22. | 39. | 40. | 60. | 70. | 103. | 103. | 103. | 50. | 21.57 | 45.98 | 1.54 |
| | 008 | F01 | 15 | 17. | 26. | 41. | 51. | 65. | 70. | 72. | 72. | 72. | 50. | 17.60 | 46.38 | 1.53 |
| | 009 | F01 | 14 | 16. | 21. | 33. | 43. | 54. | 60. | 67. | 67. | 67. | 43. | 16.62 | 39.05 | 1.58 |
| 100 Dodge City | 001 | F01 | 15 | 5. | 13. | 31. | 38. | 43. | 55. | 60. | 60. | 60. | 36. | 15.19 | 31.61 | 1.90 |
| 100 Garden City | 001 | F01 | 14 | 23. | 27. | 41. | 48. | 76. | 99. | 402. | 402. | 402. | 82. | 95.54 | 59.54 | 2.07 |
| 100 Liberal | 001 | F01 | 12 | 2. | 7. | 9. | 19. | 63. | 90. | 100. | 100. | 100. | 38. | 34.79 | 21.99 | 3.39 |
| 100 Medicine Lodge | 001 | F01 | 9 | 17. | 17. | 32. | 50. | 65. | 102. | 102. | 102. | 102. | 51. | 25.64 | 44.98 | 1.70 |
| 100 Ulysses | 001 | F01 | 14 | 8. | 17. | 38. | 55. | 87. | 99. | 130. | 130. | 130. | 62. | 35.90 | 49.89 | 2.19 |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 072 Ballard Co | 002 | F01 | 15 | 18. | 23. | 35. | 45. | 53. | 56. | 82. | 82. | 82. | 45. | 16.16 | 41.71 | 1.49 |
| | 003 | F01 | 14 | 15. | 28. | 32. | 54. | 60. | 65. | 70. | 70. | 70. | 48. | 17.55 | 44.67 | 1.57 |
| 072 Carlisle Co | 001 | F01 | 15 | 15. | 15. | 29. | 35. | 44. | 50. | 61. | 61. | 61. | 35. | 13.51 | 32.46 | 1.55 |
| 072 Central City | 002 | F01 | 15 | 18. | 27. | 42. | 51. | 66. | 87. | 89. | 89. | 89. | 54. | 22.36 | 49.41 | 1.60 |
| 072 Fulton | 001 | F01 | 15 | 10. | 13. | 30. | 36. | 43. | 64. | 67. | 67. | 67. | 36. | 16.09 | 32.55 | 1.69 |
| 072 Hopkinsville | 002 | F01 | 15 | 12. | 15. | 31. | 36. | 40. | 71. | 89. | 89. | 89. | 39. | 19.94 | 34.46 | 1.68 |
| 072 Mc Cracken Co | 001 | F02 | 15 | 15. | 16. | 23. | 31. | 39. | 47. | 48. | 48. | 48. | 32. | 11.41 | 29.49 | 1.49 |
| 072 Madisonville | 001 | F01 | 15 | 22. | 22. | 40. | 49. | 56. | 73. | 86. | 86. | 86. | 50. | 17.71 | 46.47 | 1.48 |
| 072 Marshall Co | 002 | F01 | 15 | 17. | 24. | 32. | 42. | 51. | 78. | 129. | 129. | 129. | 48. | 27.70 | 42.67 | 1.65 |
| | 008 | F01 | 15 | 18. | 27. | 39. | 47. | 63. | 113. | 145. | 145. | 145. | 58. | 33.99 | 50.39 | 1.71 |
| 072 Murray | 001 | F01 | 15 | 18. | 24. | 29. | 39. | 42. | 58. | 71. | 71. | 71. | 39. | 14.19 | 36.27 | 1.44 |
| 072 Paducah | 001 | F01 | 15 | 18. | 31. | 34. | 40. | 47. | 69. | 75. | 75. | 75. | 45. | 16.25 | 41.80 | 1.45 |
| | 002 | F01 | 15 | 12. | 20. | 27. | 34. | 35. | 63. | 66. | 66. | 66. | 35. | 15.15 | 32.17 | 1.56 |
| | 003 | F01 | 15 | 18. | 29. | 36. | 41. | 57. | 119. | 145. | 145. | 145. | 56. | 35.92 | 47.64 | 1.75 |
| | 004 | F01 | 15 | 23. | 37. | 43. | 57. | 74. | 107. | 126. | 126. | 126. | 64. | 28.72 | 58.54 | 1.57 |
| | 005 | F03 | 14 | 12. | 18. | 26. | 29. | 44. | 51. | 57. | 57. | 57. | 34. | 13.95 | 30.92 | 1.57 |
| | 020 | F01 | 14 | 22. | 27. | 40. | 44. | 69. | 99. | 103. | 103. | 103. | 56. | 25.81 | 50.75 | 1.60 |
| 072 Princeton | 001 | F01 | 15 | 14. | 19. | 40. | 50. | 55. | 75. | 78. | 78. | 78. | 48. | 18.92 | 43.94 | 1.64 |
| 077 Hancock Co | 002 | F01 | 15 | 20. | 26. | 35. | 47. | 57. | 74. | 199. | 199. | 199. | 56. | 42.58 | 47.26 | 1.71 |
| | 004 | F01 | 13 | 15. | 19. | 34. | 43. | 54. | 70. | 75. | 75. | 75. | 44. | 18.13 | 40.23 | 1.61 |
| 077 Henderson | 002 | F01 | 9 | 31. | 31. | 44. | 60. | 67. | 85. | 85. | 85. | 85. | 58. | 18.65 | 55.47 | 1.40 |
| | 003 | F01 | 9 | 19. | 19. | 33. | 39. | 48. | 61. | 61. | 61. | 61. | 39. | 14.03 | 36.10 | 1.51 |
| | 004 | F01 | 15 | 21. | 28. | 39. | 44. | 48. | 64. | 67. | 67. | 67. | 45. | 13.23 | 43.19 | 1.37 |
| | 005 | F01 | 14 | 35. | 38. | 47. | 49. | 83. | 126. | 136. | 136. | 136. | 73. | 36.50 | 65.26 | 1.63 |
| | 008 | F01 | 11 | 31. | 44. | 54. | 75. | 78. | 123. | 157. | 157. | 157. | 76. | 36.50 | 68.72 | 1.59 |
| | 009 | F01 | 11 | 25. | 26. | 41. | 55. | 69. | 96. | 117. | 117. | 117. | 59. | 29.01 | 52.34 | 1.65 |
| 077 Henderson Co | 001 | F02 | 10 | 21. | 21. | 30. | 37. | 38. | 71. | 78. | 78. | 78. | 44. | 18.95 | 40.26 | 1.52 |
| 077 Owensboro | 001 | F01 | 15 | 32. | 43. | 51. | 58. | 77. | 126. | 141. | 141. | 141. | 73. | 34.92 | 65.83 | 1.57 |
| | 002 | F01 | 12 | 26. | 39. | 48. | 54. | 97. | 98. | 131. | 131. | 131. | 68. | 31.13 | 61.48 | 1.59 |
| | 003 | F01 | 12 | 10. | 29. | 44. | 53. | 63. | 78. | 80. | 80. | 80. | 54. | 20.77 | 47.87 | 1.78 |
| | 005 | F01 | 15 | 20. | 39. | 50. | 59. | 70. | 107. | 167. | 167. | 167. | 67. | 35.47 | 59.60 | 1.64 |
| | 006 | F01 | 15 | 24. | 35. | 45. | 51. | 60. | 74. | 86. | 86. | 86. | 52. | 16.90 | 49.85 | 1.40 |
| | 008 | F01 | 13 | 44. | 62. | 70. | 82. | 123. | 170. | 197. | 197. | 197. | 99. | 44.77 | 91.27 | 1.53 |
| 078 Buechel | 001 | G01 | 15 | 17. | 25. | 35. | 38. | 48. | 51. | 57. | 57. | 57. | 39. | 11.32 | 37.51 | 1.39 |
| 078 Jefferson Co | 013 | G01 | 13 | 28. | 36. | 47. | 60. | 80. | 109. | 125. | 125. | 125. | 66. | 30.09 | 60.42 | 1.57 |
| | 027 | G03 | 15 | 13. | 13. | 22. | 27. | 35. | 38. | 42. | 42. | 42. | 28. | 8.98 | 26.53 | 1.44 |
| | 029 | G01 | 14 | 17. | 26. | 39. | 48. | 65. | 97. | 109. | 109. | 109. | 56. | 26.36 | 49.95 | 1.66 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KENTUCKY — Cont.** | | | | | | | | | | | | | | | | |
| 078 Louisville | 004 | G02 | 15 | 26. | 32. | 53. | 55. | 67. | 89. | 91. | 91. | 91. | 60. | 18.93 | 57.03 | 1.41 |
| | 011 | G01 | 6 | 29. | 29. | 39. | 43. | 79. | 112. | 112. | 112. | 112. | 59. | 31.00 | 52.91 | 1.64 |
| | 014 | G01 | 11 | 19. | 20. | 44. | 47. | 58. | 91. | 133. | 133. | 133. | 57. | 33.43 | 49.19 | 1.80 |
| | 015 | G01 | 15 | 22. | 24. | 40. | 42. | 50. | 83. | 89. | 89. | 89. | 46. | 19.34 | 42.84 | 1.50 |
| | 019 | G01 | 15 | 19. | 26. | 37. | 44. | 47. | 62. | 71. | 71. | 71. | 44. | 13.13 | 41.67 | 1.39 |
| | 020 | G01 | 14 | 40. | 56. | 68. | 94. | 97. | 118. | 218. | 218. | 218. | 92. | 42.26 | 84.99 | 1.49 |
| | 021 | G01 | 15 | 15. | 27. | 35. | 50. | 52. | 67. | 72. | 72. | 72. | 45. | 15.17 | 42.61 | 1.49 |
| 078 Okolona | 001 | G01 | 15 | 25. | 31. | 43. | 68. | 79. | 84. | 101. | 101. | 101. | 64. | 23.08 | 58.88 | 1.53 |
| 078 Pleasure Ridge Park | 001 | G01 | 12 | 21. | 23. | 29. | 31. | 38. | 51. | 55. | 55. | 55. | 34. | 10.50 | 32.87 | 1.35 |
| 078 St Matthews | 004 | G01 | 12 | 19. | 24. | 50. | 60. | 69. | 88. | 92. | 92. | 92. | 58. | 22.06 | 53.11 | 1.61 |
| 078 Shively | 002 | G01 | 15 | 17. | 23. | 39. | 42. | 48. | 65. | 68. | 68. | 68. | 44. | 14.82 | 41.30 | 1.47 |
| 079 Alexandria | 001 | F01 | 15 | 16. | 17. | 37. | 40. | 51. | 63. | 64. | 64. | 64. | 43. | 15.15 | 39.56 | 1.53 |
| 079 Boone Co | 001 | F01 | 15 | 20. | 29. | 47. | 70. | 91. | 107. | 132. | 132. | 132. | 70. | 31.99 | 62.01 | 1.70 |
| | 002 | F01 | 15 | 30. | 30. | 38. | 51. | 60. | 83. | 87. | 87. | 87. | 51. | 18.69 | 47.95 | 1.44 |
| 079 Carroll Co | 001 | F03 | 11 | 15. | 22. | 24. | 25. | 34. | 44. | 50. | 50. | 50. | 30. | 10.50 | 28.58 | 1.42 |
| 079 Carrollton | 001 | F01 | 14 | 16. | 17. | 32. | 35. | 43. | 55. | 65. | 65. | 65. | 38. | 14.32 | 34.83 | 1.52 |
| 079 Covington | 006 | F01 | 14 | 24. | 26. | 46. | 51. | 65. | 83. | 93. | 93. | 93. | 57. | 21.36 | 53.07 | 1.51 |
| 079 Erlanger | 001 | F01 | 15 | 22. | 25. | 40. | 46. | 55. | 81. | 84. | 84. | 84. | 50. | 18.13 | 47.31 | 1.47 |
| 079 Falmouth | 001 | F01 | 15 | 16. | 17. | 38. | 42. | 44. | 53. | 71. | 71. | 71. | 41. | 13.55 | 38.17 | 1.48 |
| 079 Florence | 001 | F01 | 9 | 30. | 30. | 34. | 37. | 49. | 70. | 70. | 70. | 70. | 44. | 13.57 | 41.89 | 1.34 |
| 079 Fort Mitchell | 002 | F01 | 13 | 14. | 14. | 27. | 37. | 44. | 46. | 64. | 64. | 64. | 36. | 13.88 | 32.68 | 1.57 |
| 079 Fort Thomas | 001 | F01 | 15 | 22. | 27. | 48. | 54. | 68. | 75. | 86. | 86. | 86. | 56. | 17.63 | 52.95 | 1.45 |
| 079 Gallatin Co | 001 | F03 | 15 | 17. | 17. | 33. | 39. | 43. | 62. | 70. | 70. | 70. | 41. | 15.72 | 37.53 | 1.52 |
| 079 Newport | 001 | F01 | 15 | 13. | 54. | 80. | 98. | 143. | 181. | 188. | 188. | 188. | 108. | 49.92 | 93.36 | 1.94 |
| 101 Corbin | 001 | F01 | 15 | 15. | 25. | 36. | 42. | 58. | 153. | 163. | 163. | 163. | 60. | 44.18 | 48.82 | 1.90 |
| 101 Harlan | 001 | F01 | 5 | 46. | 46. | 59. | 69. | 81. | 106. | 106. | 106. | 106. | | | | |
| 101 Hazard | 001 | F01 | 4 | 16. | 16. | 27. | 27. | 58. | 59. | 59. | 59. | 59. | | | | |
| 101 London | 002 | F01 | 15 | 14. | 21. | 32. | 43. | 50. | 86. | 134. | 134. | 134. | 49. | 31.50 | 41.23 | 1.82 |
| 101 Pikeville | 001 | F01 | 3 | 34. | 34. | 34. | 75. | 105. | 105. | 105. | 105. | 105. | | | | |
| 101 Prestonsburg | 001 | F01 | 4 | 15. | 15. | 24. | 24. | 47. | 61. | 61. | 61. | 61. | | | | |
| 102 Berea | 001 | F01 | 15 | 14. | 15. | 24. | 28. | 32. | 46. | 97. | 97. | 97. | 32. | 19.97 | 28.47 | 1.61 |
| 102 Cynthiana | 001 | F01 | 15 | 15. | 16. | 40. | 47. | 54. | 69. | 105. | 105. | 105. | 48. | 21.97 | 43.16 | 1.66 |
| 102 Danville | 003 | F01 | 12 | 12. | 13. | 19. | 23. | 30. | 43. | 43. | 43. | 43. | 25. | 10.44 | 23.37 | 1.53 |
| 102 Frankfort | 002 | F01 | 15 | 8. | 16. | 22. | 25. | 35. | 40. | 44. | 44. | 44. | 27. | 10.35 | 25.22 | 1.57 |
| 102 Franklin Co | 001 | F03 | 13 | 7. | 9. | 17. | 22. | 26. | 35. | 35. | 35. | 35. | 22. | 8.60 | 19.80 | 1.61 |
| 102 Lexington | 002 | F01 | 13 | 11. | 11. | 23. | 30. | 39. | 47. | 52. | 52. | 52. | 30. | 12.84 | 27.44 | 1.65 |
| | 003 | F01 | 15 | 14. | 16. | 30. | 33. | 36. | 43. | 71. | 71. | 71. | 34. | 13.31 | 31.58 | 1.48 |
| | 004 | F01 | 14 | 11. | 12. | 28. | 30. | 34. | 41. | 43. | 43. | 43. | 29. | 10.42 | 26.88 | 1.57 |
| | 005 | F01 | 13 | 8. | 13. | 18. | 21. | 26. | 27. | 34. | 34. | 34. | 21. | 6.63 | 19.88 | 1.44 |
| 102 Richmond | 001 | F01 | 15 | 21. | 36. | 42. | 62. | 72. | 130. | 144. | 144. | 144. | 66. | 33.79 | 58.66 | 1.65 |
| 102 Winchester | 001 | F01 | 15 | 8. | 11. | 24. | 31. | 34. | 41. | 55. | 55. | 55. | 29. | 12.22 | 26.42 | 1.67 |
| 103 Ashland | 003 | F01 | 15 | 39. | 44. | 54. | 72. | 103. | 209. | 350. | 350. | 350. | 101. | 83.90 | 81.07 | 1.89 |
| | 004 | F01 | 1 | 30. | 30. | 30. | 30. | 30. | 30. | 30. | 30. | 30. | 30. | | 30.00 | |
| | 005 | F01 | 14 | 30. | 34. | 49. | 60. | 85. | 179. | 195. | 195. | 195. | 80. | 51.14 | 67.97 | 1.77 |
| | 006 | F01 | 15 | 33. | 37. | 49. | 88. | 103. | 124. | 138. | 138. | 138. | 79. | 34.42 | 71.41 | 1.60 |
| | 007 | F01 | 15 | 25. | 33. | 37. | 42. | 71. | 89. | 115. | 115. | 115. | 55. | 26.10 | 50.31 | 1.56 |
| | 008 | F01 | 15 | 47. | 49. | 54. | 68. | 129. | 253. | 280. | 280. | 280. | 106. | 74.07 | 87.62 | 1.82 |
| 103 Carter Co | 001 | F01 | 15 | 13. | 19. | 38. | 40. | 54. | 135. | 144. | 144. | 144. | 58. | 39.65 | 47.54 | 1.93 |
| 103 Catlettsburg | 001 | F01 | 15 | 24. | 30. | 56. | 60. | 65. | 146. | 185. | 185. | 185. | 73. | 44.36 | 62.60 | 1.74 |
| 103 Greenup Co | 001 | F01 | 15 | 19. | 28. | 36. | 38. | 65. | 75. | 79. | 79. | 79. | 49. | 19.68 | 44.86 | 1.54 |
| | 002 | F01 | 15 | 27. | 49. | 57. | 68. | 94. | 134. | 287. | 287. | 287. | 90. | 62.50 | 77.08 | 1.74 |
| 103 Lawrence Co | 001 | F01 | 15 | 24. | 34. | 50. | 53. | 65. | 196. | 235. | 235. | 235. | 75. | 60.18 | 61.12 | 1.83 |
| 103 Maysville | 004 | F01 | 15 | 18. | 20. | 38. | 46. | 56. | 75. | 82. | 82. | 82. | 48. | 19.02 | 43.95 | 1.56 |
| 103 Morehead | 001 | F01 | 10 | 11. | 11. | 27. | 38. | 42. | 55. | 115. | 115. | 115. | 44. | 28.45 | 37.18 | 1.85 |
| 104 Bardstown | 001 | F01 | 13 | 10. | 16. | 25. | 32. | 39. | 51. | 80. | 80. | 80. | 35. | 17.98 | 31.27 | 1.70 |
| 104 Elizabethtown | 002 | F01 | 13 | 4. | 11. | 27. | 34. | 40. | 45. | 62. | 62. | 62. | 33. | 15.01 | 27.84 | 2.05 |
| | 003 | F01 | 15 | 10. | 11. | 24. | 27. | 33. | 37. | 46. | 46. | 46. | 27. | 9.59 | 25.13 | 1.53 |
| 104 Leitchfield | 001 | F01 | 15 | 11. | 16. | 32. | 49. | 58. | 72. | 79. | 79. | 79. | 45. | 21.17 | 39.41 | 1.80 |
| 104 Oldham Co | 002 | F01 | 14 | 12. | 14. | 32. | 34. | 38. | 58. | 66. | 66. | 66. | 37. | 15.63 | 33.35 | 1.63 |
| 104 Shelbyville | 001 | F01 | 14 | 14. | 15. | 38. | 41. | 51. | 73. | 74. | 74. | 74. | 43. | 17.73 | 39.15 | 1.64 |
| 104 Shepherdsville | 001 | F01 | 12 | 16. | 24. | 36. | 43. | 49. | 62. | 98. | 98. | 98. | 45. | 21.33 | 40.61 | 1.61 |
| 105 Bowling Green | 004 | F01 | 15 | 15. | 28. | 34. | 44. | 54. | 61. | 113. | 113. | 113. | 47. | 22.25 | 43.14 | 1.57 |
| | 005 | F01 | 15 | 10. | 12. | 24. | 28. | 34. | 39. | 41. | 41. | 41. | 28. | 9.66 | 25.86 | 1.53 |
| 105 Franklin | 001 | F01 | 15 | 13. | 18. | 28. | 41. | 49. | 59. | 62. | 62. | 62. | 40. | 14.60 | 37.06 | 1.56 |
| 105 Glasgow | 001 | F01 | 15 | 12. | 17. | 29. | 41. | 54. | 87. | 92. | 92. | 92. | 45. | 24.66 | 38.57 | 1.81 |
| 105 Russellville | 002 | F01 | 11 | 11. | 14. | 30. | 34. | 41. | 48. | 57. | 57. | 57. | 34. | 13.85 | 30.72 | 1.66 |
| 105 Somerset | 002 | F01 | 13 | 13. | 17. | 31. | 40. | 44. | 69. | 88. | 88. | 88. | 41. | 19.80 | 36.88 | 1.66 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **LOUISIANA** | | | | | | | | | | | | | | | | |
| 019 Lake Providence | 001 | F01 | 11 | 20. | 29. | 66. | 85. | 88. | 123. | 132. | 132. | 132. | 80. | 34.39 | 70.83 | 1.79 |
| 019 Monroe | 001 | F01 | 14 | 10. | 12. | 32. | 48. | 62. | 84. | 105. | 105. | 105. | 49. | 29.14 | 38.88 | 2.16 |
| 019 Vidalia | 001 | F01 | 10 | 16. | 16. | 20. | 33. | 66. | 96. | 105. | 105. | 105. | 49. | 32.77 | 39.98 | 2.01 |
| 022 Homer | 001 | F01 | 12 | 20. | 24. | 33. | 36. | 51. | 80. | 83. | 83. | 83. | 46. | 22.31 | 41.70 | 1.60 |
| 022 Mamou | 001 | F01 | 7 | 2. | 2. | 5. | 15. | 19. | 47. | 47. | 47. | 47. | 17. | 16.43 | 10.66 | 3.18 |
| 022 Many | 001 | F01 | 5 | 5. | 5. | 12. | 15. | 36. | 56. | 56. | 56. | 56. | 25. | 20.92 | 17.85 | 2.58 |
| 022 Shreveport | 001 | F01 | 15 | 24. | 26. | 55. | 78. | 107. | 167. | 235. | 235. | 235. | 88. | 60.02 | 70.59 | 2.04 |
| | 001 | P01 | 8 | 20. | 20. | 45. | 64. | 106. | 136. | 136. | 136. | 136. | 78. | 41.66 | 66.35 | 1.90 |
| | 003 | F01 | 11 | 12. | 12. | 19. | 26. | 34. | 39. | 48. | 48. | 48. | 26. | 11.64 | 23.90 | 1.60 |
| | 004 | F01 | 10 | 23. | 23. | 33. | 39. | 54. | 58. | 76. | 76. | 76. | 44. | 16.99 | 41.08 | 1.48 |
| 106 Alexandria | 001 | F01 | 14 | 16. | 20. | 30. | 34. | 38. | 80. | 80. | 80. | 80. | 41. | 22.13 | 36.62 | 1.66 |
| 106 Baton Rouge | 002 | F01 | 10 | 40. | 40. | 47. | 69. | 77. | 90. | 119. | 119. | 119. | 71. | 24.36 | 66.81 | 1.42 |
| | 002 | P01 | 10 | 23. | 23. | 35. | 43. | 62. | 76. | 110. | 110. | 110. | 55. | 25.54 | 50.31 | 1.58 |
| | 003 | F01 | 12 | 31. | 35. | 41. | 59. | 71. | 120. | 145. | 145. | 145. | 66. | 35.67 | 58.97 | 1.63 |
| 106 Harvey | 001 | F01 | 13 | 34. | 35. | 52. | 60. | 68. | 84. | 136. | 136. | 136. | 65. | 26.26 | 60.47 | 1.44 |
| 106 Iberville Par | 001 | P03 | 6 | 1. | 1. | 23. | 35. | 55. | 140. | 140. | 140. | 140. | 51. | 48.03 | 26.78 | 5.34 |
| | 002 | F01 | 9 | 15. | 15. | 29. | 35. | 39. | 81. | 81. | 81. | 81. | 37. | 18.76 | 33.23 | 1.61 |
| 106 Lafayette | 001 | F01 | 8 | 43. | 43. | 64. | 86. | 98. | 172. | 172. | 172. | 172. | 89. | 41.65 | 80.78 | 1.59 |
| 106 Lake Charles | 001 | F01 | 13 | 39. | 40. | 57. | 79. | 98. | 101. | 165. | 165. | 165. | 80. | 33.06 | 74.38 | 1.49 |
| | 002 | F01 | 10 | 22. | 22. | 31. | 33. | 54. | 79. | 121. | 121. | 121. | 49. | 30.93 | 42.61 | 1.73 |
| 106 Metairie | 002 | F01 | 12 | 23. | 43. | 55. | 67. | 83. | 99. | 132. | 132. | 132. | 70. | 28.54 | 63.97 | 1.57 |
| 106 New Orleans | 002 | F01 | 13 | 33. | 58. | 63. | 72. | 98. | 111. | 162. | 162. | 162. | 81. | 32.08 | 75.67 | 1.47 |
| | 002 | P01 | 8 | 51. | 51. | 61. | 64. | 69. | 130. | 130. | 130. | 130. | 74. | 25.17 | 71.13 | 1.34 |
| 106 St John The Baptist Par | 002 | F01 | 12 | 33. | 34. | 37. | 44. | 55. | 60. | 123. | 123. | 123. | 51. | 24.52 | 47.28 | 1.44 |
| 106 Westlake | 002 | F01 | 13 | 17. | 27. | 42. | 51. | 56. | 103. | 146. | 146. | 146. | 59. | 34.83 | 50.87 | 1.75 |
| **MAINE** | | | | | | | | | | | | | | | | |
| 107 Augusta | 001 | F01 | 15 | 27. | 40. | 64. | 80. | 87. | 193. | 233. | 233. | 233. | 89. | 54.39 | 77.12 | 1.70 |
| 107 Lincoln Co | 001 | F02 | 15 | 16. | 18. | 23. | 26. | 36. | 56. | 69. | 69. | 69. | 34. | 16.70 | 30.91 | 1.59 |
| 107 Livermore Falls | 001 | F02 | 15 | 31. | 34. | 50. | 73. | 84. | 127. | 192. | 192. | 192. | 78. | 42.59 | 68.42 | 1.67 |
| 107 Mexico | 001 | F02 | 13 | 18. | 34. | 37. | 55. | 85. | 104. | 111. | 111. | 111. | 61. | 28.88 | 54.28 | 1.68 |
| 107 Rockland | 001 | F01 | 15 | 21. | 24. | 48. | 54. | 58. | 110. | 116. | 116. | 116. | 57. | 27.32 | 51.43 | 1.61 |
| 107 Winslow | 001 | F01 | 15 | 18. | 22. | 51. | 55. | 68. | 93. | 166. | 166. | 166. | 63. | 34.31 | 55.37 | 1.70 |
| 109 Acadia Nat Park | 001 | F03 | 7 | 12. | 12. | 22. | 24. | 27. | 49. | 49. | 49. | 49. | 26. | 12.61 | 23.53 | 1.63 |
| 109 Bangor | 001 | F01 | 14 | 12. | 63. | 70. | 75. | 87. | 145. | 308. | 308. | 308. | 98. | 68.89 | 80.46 | 2.02 |
| 109 Lincoln | 001 | F02 | 15 | 21. | 21. | 27. | 36. | 43. | 62. | 110. | 110. | 110. | 40. | 22.44 | 36.48 | 1.56 |
| 109 Millinocket | 001 | F02 | 13 | 28. | 30. | 38. | 69. | 83. | 96. | 122. | 122. | 122. | 66. | 28.68 | 59.76 | 1.60 |
| 109 Old Town | 001 | F02 | 14 | 26. | 31. | 51. | 53. | 68. | 100. | 169. | 169. | 169. | 66. | 37.35 | 58.16 | 1.67 |
| 109 Orono | 001 | F02 | 14 | 15. | 34. | 44. | 45. | 55. | 89. | 104. | 104. | 104. | 52. | 22.45 | 47.32 | 1.58 |
| 109 Washington Co | 001 | F02 | 8 | 11. | 11. | 25. | 26. | 32. | 59. | 59. | 59. | 59. | 30. | 15.49 | 26.08 | 1.75 |
| 110 Biddeford | 001 | F01 | 15 | 25. | 37. | 41. | 54. | 70. | 77. | 200. | 200. | 200. | 64. | 41.20 | 55.95 | 1.62 |
| 110 Portland | 003 | F01 | 14 | 20. | 20. | 30. | 34. | 38. | 69. | 76. | 76. | 76. | 39. | 16.99 | 35.59 | 1.50 |
| | 004 | F01 | 7 | 45. | 45. | 53. | 59. | 59. | 95. | 95. | 95. | 95. | 65. | 20.29 | 62.26 | 1.34 |
| | 005 | F01 | 15 | 30. | 30. | 41. | 47. | 61. | 105. | 114. | 114. | 114. | 56. | 26.42 | 51.28 | 1.53 |
| | 006 | F01 | 15 | 8. | 30. | 46. | 58. | 71. | 107. | 130. | 130. | 130. | 61. | 31.53 | 51.95 | 1.95 |
| 110 South Portland | 001 | F01 | 14 | 24. | 26. | 36. | 36. | 48. | 75. | 104. | 104. | 104. | 46. | 22.36 | 42.24 | 1.53 |
| | 002 | F01 | 13 | 24. | 25. | 32. | 39. | 46. | 75. | 75. | 75. | 75. | 43. | 17.04 | 40.14 | 1.46 |
| **MARYLAND** | | | | | | | | | | | | | | | | |
| 047 Bethesda | 001 | G01 | 12 | 19. | 23. | 26. | 31. | 41. | 63. | 96. | 96. | 96. | 40. | 21.94 | 35.51 | 1.60 |
| 047 Capitol Heights | 001 | G01 | 5 | 28. | 28. | 47. | 53. | 65. | 65. | 65. | 65. | 65. | 52. | 15.32 | 49.42 | 1.41 |
| 047 Cheverly | 001 | G01 | 13 | 13. | 22. | 29. | 40. | 51. | 61. | 102. | 102. | 102. | 43. | 22.25 | 38.30 | 1.66 |
| 047 Gaithersburg | 003 | G01 | 15 | 13. | 24. | 34. | 39. | 58. | 86. | 106. | 106. | 106. | 47. | 24.75 | 41.08 | 1.70 |
| 047 Hyattsville | 002 | G01 | 14 | 22. | 24. | 41. | 45. | 58. | 76. | 168. | 168. | 168. | 57. | 35.99 | 49.49 | 1.66 |
| 047 Laurel | 001 | G01 | 12 | 21. | 29. | 31. | 34. | 48. | 87. | 92. | 92. | 92. | 46. | 23.27 | 41.18 | 1.57 |
| 047 Montgomery Co | 008 | G01 | 15 | 16. | 23. | 37. | 45. | 62. | 95. | 96. | 96. | 96. | 52. | 26.76 | 45.79 | 1.71 |
| | 010 | F01 | 15 | 11. | 20. | 26. | 30. | 43. | 60. | 63. | 63. | 63. | 35. | 15.39 | 31.34 | 1.60 |
| | 011 | G01 | 15 | 23. | 24. | 29. | 41. | 63. | 68. | 80. | 80. | 80. | 45. | 19.33 | 41.63 | 1.55 |
| 047 Prince Georges Co | 001 | G01 | 12 | 11. | 21. | 22. | 27. | 36. | 41. | 63. | 63. | 63. | 31. | 13.22 | 28.29 | 1.55 |
| | 003 | G01 | 14 | 11. | 11. | 23. | 25. | 34. | 45. | 49. | 49. | 49. | 30. | 12.18 | 27.28 | 1.61 |
| | 006 | G01 | 10 | 19. | 19. | 29. | 32. | 47. | 71. | 81. | 81. | 81. | 43. | 21.06 | 39.18 | 1.61 |
| | 010 | G01 | 14 | 16. | 23. | 27. | 39. | 53. | 67. | 90. | 90. | 90. | 43. | 20.61 | 38.90 | 1.63 |
| | 011 | G01 | 13 | 8. | 17. | 27. | 34. | 61. | 64. | 68. | 68. | 68. | 40. | 20.38 | 34.08 | 1.87 |
| | 012 | G01 | 10 | 16. | 16. | 21. | 24. | 29. | 48. | 60. | 60. | 60. | 32. | 14.71 | 28.85 | 1.54 |
| | 018 | G01 | 12 | 13. | 23. | 24. | 27. | 35. | 51. | 52. | 52. | 52. | 32. | 11.79 | 29.80 | 1.47 |
| | 019 | G01 | 12 | 13. | 23. | 27. | 33. | 36. | 57. | 83. | 83. | 83. | 36. | 18.37 | 32.80 | 1.60 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MARYLAND — Cont.** | | | | | | | | | | | | | | | | |
| | 020 | G01 | 14 | 21. | 32. | 34. | 35. | 50. | 64. | 119. | 119. | 119. | 46. | 24.27 | 41.61 | 1.52 |
| | 021 | G01 | 11 | 18. | 23. | 31. | 38. | 48. | 56. | 68. | 68. | 68. | 40. | 15.29 | 37.18 | 1.50 |
| 047 Rockville | 002 | G01 | 15 | 24. | 28. | 40. | 44. | 55. | 80. | 128. | 128. | 128. | 54. | 26.88 | 48.91 | 1.55 |
| 047 Silver Spring | 001 | G01 | 14 | 1. | 19. | 33. | 38. | 50. | 68. | 120. | 120. | 120. | 45. | 27.39 | 31.79 | 3.56 |
| | 005 | G01 | 15 | 19. | 22. | 31. | 43. | 53. | 66. | 131. | 131. | 131. | 47. | 27.34 | 41.64 | 1.63 |
| | 007 | G01 | 15 | 19. | 19. | 39. | 43. | 49. | 95. | 105. | 105. | 105. | 48. | 25.35 | 42.14 | 1.68 |
| 112 Brunswick | 001 | G05 | 12 | 40. | 57. | 63. | 75. | 115. | 136. | 151. | 151. | 151. | 91. | 35.46 | 84.14 | 1.50 |
| 112 Frederick | 001 | F01 | 11 | 28. | 37. | 60. | 64. | 89. | 108. | 149. | 149. | 149. | 73. | 34.59 | 66.33 | 1.61 |
| | 003 | G01 | 12 | 16. | 29. | 33. | 44. | 53. | 73. | 91. | 91. | 91. | 47. | 21.73 | 42.75 | 1.61 |
| | 004 | G01 | 13 | 17. | 18. | 32. | 46. | 54. | 74. | 121. | 121. | 121. | 49. | 27.48 | 42.83 | 1.72 |
| 112 Frederick Co | 021 | F01 | 12 | 19. | 26. | 30. | 34. | 44. | 65. | 74. | 74. | 74. | 40. | 16.06 | 37.18 | 1.47 |
| | 022 | G01 | 14 | 20. | 25. | 28. | 34. | 39. | 66. | 82. | 82. | 82. | 41. | 18.37 | 37.19 | 1.52 |
| | 023 | G01 | 14 | 15. | 15. | 29. | 36. | 43. | 75. | 87. | 87. | 87. | 42. | 22.46 | 36.59 | 1.73 |
| | 024 | G01 | 10 | 31. | 31. | 39. | 53. | 73. | 76. | 79. | 79. | 79. | 57. | 18.54 | 54.03 | 1.43 |
| 113 Allegany Co | 001 | G01 | 14 | 26. | 50. | 61. | 93. | 128. | 143. | 159. | 159. | 159. | 95. | 42.27 | 84.27 | 1.70 |
| 113 Cumberland | 001 | G01 | 15 | 34. | 38. | 59. | 66. | 87. | 119. | 201. | 201. | 201. | 79. | 42.21 | 70.60 | 1.60 |
| 113 Garrett Co | 001 | F01 | 13 | 23. | 33. | 42. | 53. | 62. | 74. | 79. | 79. | 79. | 52. | 16.39 | 49.38 | 1.42 |
| | 003 | F03 | 14 | 7. | 11. | 16. | 20. | 22. | 27. | 37. | 37. | 37. | 20. | 7.74 | 18.70 | 1.54 |
| 113 Hagerstown | 002 | F01 | 14 | 32. | 39. | 46. | 57. | 86. | 130. | 134. | 134. | 134. | 73. | 34.57 | 65.56 | 1.60 |
| 113 Westernport | 003 | F01 | 15 | 21. | 35. | 55. | 63. | 81. | 113. | 162. | 162. | 162. | 72. | 34.47 | 64.54 | 1.63 |
| 114 Cambridge | 001 | F01 | 12 | 5. | 6. | 36. | 43. | 50. | 58. | 72. | 72. | 72. | 41. | 19.37 | 32.88 | 2.37 |
| 114 Cecil Co | 001 | F05 | 9 | 24. | 24. | 29. | 35. | 56. | 66. | 66. | 66. | 66. | 41. | 15.69 | 38.89 | 1.46 |
| 114 Elkton | 001 | F01 | 12 | 25. | 29. | 37. | 49. | 59. | 74. | 83. | 83. | 83. | 50. | 18.79 | 46.67 | 1.47 |
| 114 Salisbury | 002 | F01 | 12 | 30. | 41. | 46. | 54. | 78. | 127. | 256. | 256. | 256. | 80. | 61.24 | 66.71 | 1.78 |
| | 004 | G01 | 4 | 28. | 28. | 42. | 42. | 50. | 60. | 60. | 60. | 60. | | | | |
| | 005 | G01 | 6 | 23. | 23. | 38. | 43. | 45. | 129. | 129. | 129. | 129. | 54. | 37.85 | 45.92 | 1.76 |
| 115 Annapolis | 002 | G01 | 13 | 27. | 35. | 37. | 48. | 61. | 71. | 77. | 77. | 77. | 50. | 15.31 | 47.92 | 1.37 |
| 115 Anne Arundel Co | 001 | G01 | 4 | 32. | 32. | 44. | 44. | 76. | 137. | 137. | 137. | 137. | | | | |
| | 002 | G01 | 14 | 21. | 21. | 31. | 36. | 46. | 70. | 72. | 72. | 72. | 42. | 17.63 | 38.41 | 1.53 |
| | 003 | G01 | 14 | 35. | 37. | 43. | 56. | 87. | 112. | 122. | 122. | 122. | 68. | 29.94 | 62.29 | 1.54 |
| | 006 | G01 | 15 | 21. | 22. | 34. | 41. | 57. | 70. | 76. | 76. | 76. | 46. | 18.54 | 42.77 | 1.53 |
| | 008 | G01 | 15 | 14. | 20. | 29. | 35. | 54. | 64. | 72. | 72. | 72. | 39. | 17.57 | 35.70 | 1.60 |
| 115 Baltimore | 001 | H01 | 17 | 34. | 54. | 76. | 87. | 104. | 176. | 279. | 279. | 279. | 103. | 57.11 | 92.29 | 1.62 |
| | 001 | P01 | 3 | 47. | 47. | 47. | 56. | 61. | 61. | 61. | 61. | 61. | | | | |
| | 005 | H01 | 18 | 40. | 86. | 125. | 150. | 192. | 250. | 265. | 265. | 265. | 157. | 60.63 | 143.67 | 1.59 |
| | 006 | H01 | 30 | 20 | 28. | 34. | 44. | 56. | 77. | 88. | 203. | 203. | 53. | 33.33 | 46.46 | 1.60 |
| | 007 | H01 | 28 | 30. | 40. | 51. | 59. | 73. | 99. | 104. | 172. | 172. | 65. | 28.11 | 60.34 | 1.45 |
| | 008 | H01 | 15 | 32. | 47. | 64. | 81. | 92. | 139. | 307. | 307. | 307. | 96. | 65.28 | 82.65 | 1.69 |
| | 009 | H01 | 26 | 27. | 33. | 47. | 62. | 85. | 134. | 141. | 244. | 244. | 76. | 45.15 | 66.72 | 1.64 |
| | 021 | G01 | 15 | 27. | 28. | 36. | 46. | 56. | 86. | 95. | 95. | 95. | 51. | 21.94 | 46.90 | 1.51 |
| | 023 | F01 | 14 | 38. | 54. | 82. | 86. | 120. | 163. | 190. | 190. | 190. | 102. | 43.31 | 93.83 | 1.55 |
| | 024 | F01 | 15 | 36. | 46. | 73. | 84. | 98. | 132. | 260. | 260. | 260. | 92. | 53.11 | 82.15 | 1.61 |
| | 025 | F01 | 15 | 28. | 67. | 104. | 114. | 164. | 206. | 298. | 298. | 298. | 135. | 68.37 | 117.62 | 1.78 |
| 115 Baltimore Co | 002 | F01 | 14 | 34. | 35. | 42. | 52. | 81. | 95. | 102. | 102. | 102. | 61. | 24.49 | 56.61 | 1.49 |
| | 003 | G01 | 15 | 1. | 26. | 33. | 43. | 52. | 103. | 112. | 112. | 112. | 49. | 29.10 | 34.91 | 3.51 |
| | 004 | G01 | 14 | 20. | 21. | 27. | 30. | 43. | 58. | 90. | 90. | 90. | 38. | 19.02 | 34.62 | 1.53 |
| 115 Bel Air | 001 | F01 | 15 | 20. | 24. | 32. | 39. | 50. | 76. | 127. | 127. | 127. | 47. | 27.02 | 41.93 | 1.62 |
| 115 Cockeysville | 001 | G01 | 15 | 28. | 28. | 32. | 39. | 49. | 85. | 105. | 105. | 105. | 47. | 22.45 | 43.64 | 1.50 |
| 115 Dundalk | 001 | F01 | 14 | 30. | 53. | 63. | 78. | 83. | 132. | 143. | 143. | 143. | 83. | 32.03 | 76.60 | 1.51 |
| 115 Essex | 001 | G01 | 15 | 29. | 30. | 43. | 54. | 64. | 133. | 143. | 143. | 143. | 66. | 35.62 | 58.40 | 1.62 |
| 115 Harford Co | 002 | F01 | 11 | 16. | 23. | 26. | 32. | 58. | 64. | 91. | 91. | 91. | 43. | 23.20 | 37.57 | 1.72 |
| 115 Howard Co | 003 | F01 | 13 | 19. | 22. | 29. | 36. | 44. | 91. | 149. | 149. | 149. | 50. | 36.65 | 41.45 | 1.80 |
| 115 Lansdowne-Baltimore Highin | 001 | F01 | 15 | 28. | 33. | 43. | 45. | 85. | 113. | 175. | 175. | 175. | 66. | 40.04 | 57.38 | 1.68 |
| 115 Riviera Beach | 002 | G01 | 9 | 22. | 22. | 48. | 51. | 74. | 90. | 90. | 90. | 90. | 57. | 21.58 | 53.27 | 1.55 |
| 115 Towson | 001 | G01 | 12 | 28. | 30. | 32. | 44. | 51. | 68. | 127. | 127. | 127. | 51. | 27.03 | 46.64 | 1.53 |
| 115 Westminster | 002 | F01 | 14 | 18. | 22. | 28. | 31. | 38. | 70. | 76. | 76. | 76. | 39. | 18.06 | 35.64 | 1.54 |
| 116 Calvert Co | 002 | F01 | 13 | 19. | 21. | 22. | 26. | 45. | 52. | 62. | 62. | 62. | 34. | 14.65 | 30.98 | 1.51 |
| 116 Charles Co | 001 | F01 | 3 | 21. | 21. | 21. | 25. | 62. | 62. | 62. | 62. | 62. | | | | |
| 116 St Marys Co | 001 | F01 | 11 | 9. | 11. | 18. | 22. | 29. | 33. | 38. | 38. | 38. | 23. | 9.22 | 21.36 | 1.58 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | |
| 042 Chicopee | 001 | F01 | 15 | 36. | 37. | 50. | 60. | 72. | 104. | 141. | 141. | 141. | 66. | 28.14 | 61.45 | 1.47 |
| | 003 | F01 | 15 | 34. | 37. | 43. | 53. | 68. | 111. | 112. | 112. | 112. | 61. | 25.89 | 56.26 | 1.49 |
| 042 Greenfield | 001 | F01 | 11 | 31. | 43. | 44. | 55. | 70. | 91. | 111. | 111. | 111. | 62. | 23.98 | 58.43 | 1.46 |
| 042 Holyoke | 004 | F01 | 15 | 28. | 38. | 52. | 56. | 66. | 93. | 102. | 102. | 102. | 60. | 19.35 | 57.56 | 1.39 |
| 042 Northfield | 001 | F01 | 6 | 19. | 19. | 19. | 26. | 27. | 30. | 30. | 30. | 30. | 25. | 4.59 | 24.29 | 1.22 |
| 042 Springfield | 002 | F01 | 13 | 44. | 64. | 79. | 83. | 111. | 146. | 148. | 148. | 148. | 94. | 30.11 | 89.97 | 1.39 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **MASSACHUSETTS — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 003 | F01 | 15 | 52. | 52. | 66. | 78. | 88. | 125. | 170. | 170. | 170. | 84. | 30.72 | 79.73 | 1.38 |
|  | 005 | F01 | 15 | 66. | 81. | 143. | 165. | 170. | 221. | 298. | 298. | 298. | 161. | 55.34 | 152.13 | 1.45 |
| 117 Adams | 001 | F01 | 15 | 20. | 31. | 50. | 74. | 90. | 98. | 109. | 109. | 109. | 70. | 27.31 | 63.27 | 1.63 |
| 117 Lee | 001 | F01 | 14 | 19. | 21. | 32. | 36. | 45. | 63. | 75. | 75. | 75. | 40. | 16.11 | 37.58 | 1.49 |
| 117 North Adams | 001 | F01 | 15 | 28. | 29. | 44. | 52. | 59. | 83. | 91. | 91. | 91. | 54. | 18.11 | 51.52 | 1.41 |
| 117 Pittsfield | 002 | F01 | 14 | 14. | 17. | 22. | 40. | 54. | 65. | 87. | 87. | 87. | 42. | 21.99 | 35.78 | 1.80 |
|  | 004 | F01 | 15 | 24. | 26. | 34. | 49. | 75. | 99. | 158. | 158. | 158. | 61. | 36.24 | 53.22 | 1.72 |
| 118 Athol | 001 | F01 | 14 | 18. | 28. | 40. | 43. | 58. | 70. | 86. | 86. | 86. | 49. | 18.95 | 45.35 | 1.53 |
| 118 Fitchburg | 004 | F01 | 45 | 14. | 21. | 53. | 66. | 91. | 142. | 147. | 226. | 226. | 74. | 43.90 | 62.08 | 1.89 |
| 118 Warren | 001 | F01 | 14 | 9. | 14. | 18. | 22. | 30. | 38. | 62. | 62. | 62. | 26. | 13.21 | 23.58 | 1.61 |
| 118 Worchester | 004 | F01 | 75 | 25. | 48. | 74. | 98. | 134. | 191. | 240. | 280. | 280. | 113. | 58.00 | 99.28 | 1.68 |
|  | 008 | F01 | 15 | 17. | 37. | 50. | 52. | 85. | 151. | 227. | 227. | 227. | 77. | 53.77 | 63.77 | 1.87 |
|  | 010 | F01 | 15 | 29. | 45. | 68. | 79. | 92. | 97. | 123. | 123. | 123. | 77. | 23.07 | 73.35 | 1.42 |
|  | 011 | F01 | 15 | 29. | 35. | 48. | 52. | 73. | 100. | 134. | 134. | 134. | 63. | 27.73 | 58.36 | 1.50 |
|  | 012 | F01 | 15 | 27. | 69. | 107. | 152. | 209. | 396. | 505. | 505. | 505. | 194. | 130.79 | 153.97 | 2.12 |
| 119 Beverly | 001 | J05 | 88 | 1. | 1. | 1. | 1. | 11. | 25. | 30. | 137. | 137. | 9. | 17.92 | 1.65 | 5.96 |
| 119 Boston | 001 | F01 | 12 | 51. | 52. | 57. | 71. | 103. | 141. | 145. | 145. | 145. | 87. | 35.45 | 80.50 | 1.49 |
|  | 002 | F01 | 4 | 51. | 51. | 121. | 121. | 124. | 148. | 148. | 148. | 148. |  |  |  |  |
|  | 012 | F01 | 54 | 34. | 40. | 52. | 65. | 76. | 109. | 116. | 124. | 124. | 67. | 23.30 | 63.62 | 1.40 |
| 119 Brookline | 001 | F01 | 14 | 23. | 30. | 38. | 40. | 45. | 65. | 100. | 100. | 100. | 46. | 19.35 | 42.64 | 1.45 |
| 119 Cambridge | 001 | F01 | 12 | 12. | 33. | 46. | 54. | 72. | 76. | 79. | 79. | 79. | 56. | 20.18 | 50.96 | 1.69 |
|  | 004 | F01 | 13 | 39. | 55. | 56. | 80. | 116. | 142. | 150. | 150. | 150. | 86. | 35.60 | 79.43 | 1.51 |
| 119 Danvers | 001 | J05 | 89 | 1. | 1. | 1. | 1. | 20. | 42. | 48. | 135. | 135. | 13. | 21.66 | 1.99 | 7.50 |
| 119 Framingham | 001 | F01 | 13 | 21. | 24. | 37. | 47. | 75. | 110. | 120. | 120. | 120. | 57. | 30.99 | 49.94 | 1.70 |
| 119 Lynn | 001 | F01 | 9 | 36. | 36. | 61. | 67. | 73. | 77. | 77. | 77. | 77. | 63. | 14.76 | 61.02 | 1.32 |
| 119 Marblehead | 001 | F01 | 14 | 27. | 29. | 45. | 50. | 60. | 113. | 140. | 140. | 140. | 59. | 32.03 | 52.91 | 1.60 |
|  | 002 | J05 | 89 | 1. | 1. | 1. | 1. | 37. | 61. | 72. | 171. | 171. | 19. | 32.48 | 2.29 | 9.16 |
| 119 Maynard | 001 | F01 | 15 | 9. | 14. | 16. | 22. | 33. | 38. | 58. | 58. | 58. | 25. | 12.64 | 22.87 | 1.62 |
| 119 Medford | 002 | F01 | 3 | 34. | 34. | 34. | 57. | 89. | 89. | 89. | 89. | 89. |  |  |  |  |
|  | 003 | F01 | 3 | 66. | 66. | 66. | 71. | 131. | 131. | 131. | 131. | 131. |  |  |  |  |
| 119 Needham | 002 | F01 | 12 | 19. | 26. | 29. | 38. | 50. | 73. | 80. | 80. | 80. | 43. | 18.75 | 39.15 | 1.53 |
| 119 Norwood | 001 | F01 | 14 | 20. | 23. | 33. | 44. | 55. | 80. | 117. | 117. | 117. | 50. | 26.19 | 44.30 | 1.64 |
| 119 Quincy | 002 | F01 | 14 | 39. | 50. | 72. | 75. | 93. | 155. | 184. | 184. | 184. | 88. | 39.83 | 80.80 | 1.52 |
|  | 005 | F01 | 9 | 28. | 28. | 40. | 59. | 65. | 88. | 88. | 88. | 88. | 56. | 18.36 | 53.49 | 1.42 |
| 119 Revere | 002 | F01 | 15 | 29. | 41. | 52. | 56. | 65. | 85. | 171. | 171. | 171. | 65. | 32.45 | 59.83 | 1.48 |
| 119 Salem | 002 | J05 | 90 | 1. | 1. | 1. | 1. | 22. | 42. | 47. | 116. | 116. | 13. | 20.64 | 2.06 | 7.59 |
| 119 Waltham | 004 | F01 | 8 | 44. | 44. | 82. | 98. | 127. | 271. | 271. | 271. | 271. | 119. | 70.14 | 103.78 | 1.73 |
| 119 Woburn | 002 | F01 | 13 | 39. | 42. | 43. | 60. | 65. | 86. | 90. | 90. | 90. | 59. | 17.29 | 56.93 | 1.33 |
| 120 Attleboro | 002 | F01 | 9 | 25. | 25. | 30. | 35. | 51. | 67. | 67. | 67. | 67. | 41. | 14.44 | 38.84 | 1.42 |
| 120 Fall River | 004 | F01 | 8 | 37. | 37. | 52. | 54. | 60. | 89. | 89. | 89. | 89. | 58. | 15.79 | 55.72 | 1.31 |
|  | 006 | J05 | 31 | 1. | 1. | 1. | 1. | 1. | 1. | 1. | 145. | 145. |  |  |  |  |
|  | 007 | J05 | 89 | 1. | 1. | 1. | 1. | 20. | 57. | 73. | 80. | 80. | 15. | 24.00 | 2.02 | 8.09 |
|  | 008 | J05 | 88 | 1. | 1. | 1. | 1. | 38. | 121. | 158. | 455. | 455. | 36. | 68.86 | 2.55 | 11.95 |
| 120 Falmouth | 001 | F01 | 12 | 9. | 16. | 25. | 28. | 31. | 37. | 38. | 38. | 38. | 27. | 8.44 | 25.52 | 1.50 |
| 120 New Bedford | 002 | F01 | 11 | 33. | 41. | 47. | 53. | 67. | 91. | 94. | 94. | 94. | 60. | 20.02 | 56.62 | 1.39 |
| 120 Plymouth | 001 | F01 | 10 | 29. | 29. | 43. | 48. | 59. | 93. | 105. | 105. | 105. | 59. | 24.82 | 55.01 | 1.50 |
| 120 Swansea | 001 | J05 | 90 | 1. | 1. | 1. | 1. | 17. | 36. | 52. | 81. | 81. | 12. | 18.35 | 1.99 | 7.22 |
|  | 002 | J05 | 59 | 1. | 1. | 1. | 1. | 1. | 44. | 53. | 61. | 61. | 11. | 18.49 | 1.52 | 6.84 |
|  | 003 | J05 | 90 | 1. | 1. | 1. | 1. | 24. | 42. | 58. | 90. | 90. | 14. | 21.42 | 2.11 | 7.85 |
| 121 Ayer | 001 | F01 | 15 | 29. | 31. | 38. | 40. | 57. | 81. | 88. | 88. | 88. | 50. | 19.14 | 47.08 | 1.43 |
| 121 Haverhill | 001 | F01 | 10 | 44. | 44. | 57. | 67. | 82. | 131. | 163. | 163. | 163. | 83. | 37.73 | 76.51 | 1.50 |
| 121 Lawrence | 003 | F01 | 13 | 39. | 41. | 45. | 55. | 71. | 80. | 94. | 94. | 94. | 59. | 17.40 | 56.57 | 1.33 |
| 121 Lowell | 001 | F01 | 15 | 28. | 38. | 50. | 55. | 59. | 98. | 151. | 151. | 151. | 61. | 30.01 | 56.45 | 1.50 |
|  | 003 | F01 | 15 | 30. | 41. | 54. | 56. | 75. | 108. | 151. | 151. | 151. | 67. | 30.22 | 61.91 | 1.49 |
| 121 Newburyport | 002 | F01 | 14 | 27. | 32. | 37. | 39. | 44. | 51. | 83. | 83. | 83. | 43. | 13.23 | 41.04 | 1.30 |
| **MICHIGAN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 082 Benton Harbor | 002 | F01 | 7 | 23. | 23. | 35. | 41. | 43. | 72. | 72. | 72. | 72. | 42. | 16.71 | 39.77 | 1.47 |
| 082 Berrien Co | 001 | F01 | 6 | 27. | 27. | 31. | 34. | 55. | 68. | 68. | 68. | 68. | 42. | 15.90 | 40.09 | 1.43 |
| 082 Dowagiac | 001 | F01 | 8 | 26. | 26. | 40. | 41. | 57. | 129. | 129. | 129. | 129. | 58. | 34.17 | 50.78 | 1.67 |
| 082 Paw Paw | 001 | F01 | 6 | 22. | 22. | 23. | 24. | 35. | 47. | 47. | 47. | 47. | 30. | 9.62 | 29.04 | 1.34 |
| 122 Bay City | 001 | F01 | 14 | 31. | 34. | 39. | 41. | 75. | 90. | 102. | 102. | 102. | 58. | 24.61 | 53.26 | 1.52 |
| 122 East Grand Rapids | 001 | F01 | 13 | 18. | 20. | 26. | 39. | 43. | 54. | 84. | 84. | 84. | 38. | 17.74 | 34.62 | 1.54 |
| 122 Essexville | 002 | F01 | 9 | 23. | 23. | 30. | 33. | 52. | 90. | 90. | 90. | 90. | 45. | 22.06 | 40.48 | 1.57 |
|  | 003 | F01 | 12 | 19. | 23. | 33. | 39. | 55. | 81. | 109. | 109. | 109. | 48. | 25.65 | 42.51 | 1.64 |
| 122 Flint | 002 | F01 | 6 | 30. | 30. | 30. | 38. | 60. | 73. | 73. | 73. | 73. | 47. | 17.29 | 44.23 | 1.45 |
|  | 003 | F01 | 12 | 27. | 28. | 31. | 40. | 64. | 90. | 110. | 110. | 110. | 51. | 26.87 | 45.69 | 1.61 |
|  | 004 | F01 | 10 | 29. | 29. | 33. | 34. | 49. | 51. | 87. | 87. | 87. | 43. | 17.41 | 40.91 | 1.40 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MICHIGAN — Cont.** | | | | | | | | | | | | | | | | |
| | 006 | F01 | 4 | 48. | 48. | 54. | 54. | 56. | 62. | 62. | 62. | 62. | | | | |
| | 007 | F01 | 12 | 23. | 29. | 35. | 40. | 48. | 75. | 93. | 93. | 93. | 47. | 20.71 | 43.28 | 1.51 |
| | 008 | F01 | 8 | 30. | 30. | 37. | 39. | 52. | 92. | 92. | 92. | 92. | 47. | 20.29 | 44.12 | 1.45 |
| | 008 | P01 | 5 | 55. | 55. | 62. | 76. | 79. | 96. | 96. | 96. | 96. | 74. | 15.95 | 72.23 | 1.24 |
| | 010 | F01 | 10 | 26. | 26. | 32. | 39. | 44. | 86. | 87. | 87. | 87. | 47. | 22.07 | 43.02 | 1.51 |
| | 011 | F01 | 33 | 22. | 26. | 40. | 49. | 72. | 86. | 89. | 95. | 95. | 54. | 22.97 | 49.43 | 1.57 |
| | 012 | F01 | 15 | 23. | 24. | 29. | 39. | 49. | 72. | 88. | 88. | 88. | 44. | 20.14 | 39.97 | 1.54 |
| | 013 | F01 | 10 | 20. | 20. | 28. | 33. | 47. | 59. | 66. | 66. | 66. | 40. | 16.19 | 36.53 | 1.52 |
| | 014 | F01 | 6 | 23. | 23. | 27. | 30. | 51. | 97. | 97. | 97. | 97. | • | | | |
| | 015 | F01 | 11 | 18. | 18. | 27. | 33. | 39. | 64. | 74. | 74. | 74. | 36. | 18.28 | 32.84 | 1.60 |
| | 016 | F01 | 9 | 13. | 13. | 23. | 27. | 33. | 82. | 82. | 82. | 82. | 32. | 19.96 | 28.65 | 1.65 |
| | 017 | F01 | 9 | 27. | 27. | 40. | 47. | 57. | 73. | 73. | 73. | 73. | 49. | 15.26 | 46.70 | 1.39 |
| 122 Grand Rapids | 001 | P01 | 8 | 23. | 23. | 33. | 56. | 71. | 145. | 145. | 145. | 145. | 63. | 39.39 | 53.59 | 1.83 |
| | 002 | F01 | 14 | 29. | 33. | 37. | 41. | 52. | 73. | 73. | 73. | 73. | 48. | 15.80 | 45.57 | 1.37 |
| | 006 | F01 | 13 | 22. | 24. | 28. | 45. | 65. | 76. | 82. | 82. | 82. | 46. | 20.51 | 41.59 | 1.57 |
| | 007 | F01 | 14 | 17. | 23. | 33. | 39. | 51. | 78. | 100. | 100. | 100. | 45. | 23.11 | 40.06 | 1.65 |
| | 010 | F01 | 13 | 18. | 18. | 23. | 26. | 36. | 45. | 77. | 77. | 77. | 32. | 15.99 | 29.72 | 1.52 |
| | 011 | F01 | 15 | 16. | 23. | 27. | 37. | 46. | 79. | 99. | 99. | 99. | 43. | 22.30 | 38.01 | 1.62 |
| | 015 | F01 | 13 | 17. | 19. | 22. | 27. | 40. | 62. | 71. | 71. | 71. | 34. | 16.73 | 30.54 | 1.56 |
| | 018 | F01 | 13 | 18. | 19. | 22. | 30. | 43. | 67. | 69. | 69. | 69. | 35. | 17.27 | 31.86 | 1.58 |
| 122 Kentwood | 001 | F01 | 14 | 13. | 21. | 23. | 25. | 32. | 43. | 73. | 73. | 73. | 30. | 14.77 | 27.85 | 1.51 |
| 122 Ludington | 001 | F01 | 13 | 18. | 19. | 27. | 33. | 45. | 61. | 82. | 82. | 82. | 38. | 18.78 | 34.28 | 1.58 |
| | 002 | F01 | 10 | 16. | 16. | 26. | 28. | 29. | 49. | 97. | 97. | 97. | 37. | 23.46 | 32.74 | 1.66 |
| | 003 | F01 | 4 | 2. | 2. | 15. | 15. | 43. | 61. | 61. | 61. | 61. | | | | |
| 122 Midland | 001 | F01 | 1 | 68. | 68. | 68. | 68. | 68. | 68. | 68. | 68. | 68. | | | | |
| 122 Muskegon | 001 | F01 | 14 | 16. | 19. | 24. | 39. | 47. | 61. | 77. | 77. | 77. | 39. | 18.39 | 35.33 | 1.64 |
| | 011 | F01 | 13 | 14. | 14. | 20. | 30. | 47. | 48. | 82. | 82. | 82. | 33. | 19.50 | 28.66 | 1.74 |
| | 017 | F01 | 15 | 12. | 18. | 27. | 39. | 46. | 65. | 98. | 98. | 98. | 41. | 21.73 | 36.40 | 1.70 |
| | 019 | F01 | 13 | 12. | 14. | 16. | 25. | 35. | 43. | 58. | 58. | 58. | 27. | 13.66 | 23.91 | 1.63 |
| 122 Muskegon Heights | 003 | F01 | 12 | 23. | 30. | 40. | 43. | 59. | 103. | 132. | 132. | 132. | 57. | 32.23 | 50.42 | 1.67 |
| 122 Saginaw | 001 | P01 | 8 | 19. | 19. | 42. | 43. | 51. | 120. | 120. | 120. | 120. | 54. | 30.17 | 47.62 | 1.69 |
| | 002 | F01 | 12 | 31. | 41. | 44. | 54. | 58. | 70. | 78. | 78. | 78. | 54. | 13.24 | 52.04 | 1.29 |
| | 003 | F01 | 12 | 28. | 28. | 32. | 43. | 54. | 77. | 84. | 84. | 84. | 48. | 18.83 | 45.02 | 1.46 |
| | 004 | F01 | 9 | 26. | 26. | 37. | 43. | 55. | 119. | 119. | 119. | 119. | 52. | 27.42 | 47.66 | 1.54 |
| | 007 | F01 | 15 | 25. | 28. | 30. | 58. | 70. | 101. | 137. | 137. | 137. | 60. | 32.82 | 51.89 | 1.72 |
| | 008 | F01 | 13 | 27. | 36. | 40. | 47. | 58. | 89. | 140. | 140. | 140. | 56. | 29.54 | 51.21 | 1.53 |
| | 009 | F01 | 10 | 31. | 31. | 36. | 40. | 54. | 78. | 106. | 106. | 106. | 52. | 23.58 | 47.94 | 1.48 |
| 122 Spring Lake | 001 | F01 | 8 | 19. | 19. | 26. | 30. | 39. | 71. | 71. | 71. | 71. | 36. | 16.50 | 33.16 | 1.51 |
| 122 Wyoming | 001 | F01 | 14 | 21. | 27. | 32. | 38. | 50. | 74. | 99. | 99. | 99. | 46. | 21.48 | 41.75 | 1.54 |
| 123 Allen Park | 001 | G01 | 14 | 37. | 52. | 58. | 63. | 86. | 133. | 142. | 142. | 142. | 77. | 31.09 | 72.14 | 1.46 |
| 123 Dearborn | 001 | P01 | 6 | 58. | 58. | 60. | 83. | 180. | 265. | 265. | 265. | 265. | 136. | 80.83 | 116.49 | 1.84 |
| | 002 | G01 | 12 | 41. | 47. | 69. | 119. | 137. | 178. | 211. | 211. | 211. | 112. | 53.14 | 99.38 | 1.69 |
| | 003 | G01 | 13 | 17. | 33. | 40. | 44. | 72. | 113. | 129. | 129. | 129. | 59. | 32.76 | 51.50 | 1.73 |
| 123 Detroit | 001 | P01 | 7 | 35. | 35. | 39. | 82. | 90. | 160. | 160. | 160. | 160. | 77. | 44.65 | 66.55 | 1.78 |
| | 014 | G01 | 13 | 25. | 28. | 31. | 44. | 75. | 90. | 109. | 109. | 109. | 53. | 27.14 | 47.29 | 1.63 |
| | 015 | G01 | 14 | 54. | 76. | 97. | 105. | 131. | 187. | 205. | 205. | 205. | 12[illegible] | 43.65 | 114.65 | 1.44 |
| | 016 | G01 | 14 | 50. | 51. | 58. | 65. | 89. | 123. | 181. | 181. | 181. | 81. | 36.02 | 74.91 | 1.46 |
| | 017 | G01 | 14 | 46. | 49. | 55. | 65. | 87. | 132. | 135. | 135. | 135. | 77. | 29.53 | 71.84 | 1.43 |
| | 018 | G01 | 13 | 45. | 49. | 54. | 70. | 103. | 158. | 170. | 170. | 170. | 86. | 43.37 | 77.80 | 1.58 |
| | 019 | G01 | 14 | 31. | 37. | 45. | 49. | 63. | 119. | 122. | 122. | 122. | 63. | 29.30 | 57.36 | 1.52 |
| | 020 | G01 | 13 | 52. | 54. | 67. | 74. | 110. | 130. | 173. | 173. | 173. | 91. | 36.50 | 84.99 | 1.46 |
| 123 East Detroit | 001 | F01 | 14 | 34. | 38. | 41. | 42. | 50. | 112. | 130. | 130. | 130. | 56. | 29.03 | 51.14 | 1.50 |
| 123 Fraser | 001 | F01 | 14 | 27. | 33. | 35. | 45. | 55. | 64. | 87. | 87. | 87. | 48. | 15.89 | 45.84 | 1.37 |
| 123 Grosse Ile | 004 | G01 | 14 | 39. | 39. | 45. | 49. | 63. | 85. | 139. | 139. | 139. | 62. | 26.93 | 57.55 | 1.44 |
| 123 Livonia | 002 | G01 | 14 | 17. | 26. | 37. | 40. | 61. | 77. | 113. | 113. | 113. | 50. | 25.50 | 44.43 | 1.64 |
| 123 Macomb Co | 001 | F01 | 12 | 10. | 12. | 22. | 27. | 40. | 66. | 69. | 69. | 69. | 33. | 19.07 | 28.59 | 1.82 |
| | 002 | F01 | 14 | 21. | 36. | 42. | 49. | 56. | 68. | 113. | 113. | 113. | 53. | 21.20 | 49.50 | 1.46 |
| | 003 | F01 | 14 | 15. | 17. | 25. | 30. | 41. | 58. | 72. | 72. | 72. | 36. | 17.51 | 32.43 | 1.63 |
| 123 Marine City | 001 | F01 | 6 | 31. | 31. | 32. | 37. | 55. | 56. | 56. | 56. | 56. | 42. | 11.06 | 40.83 | 1.29 |
| 123 Mount Clemens | 001 | F01 | 14 | 17. | 19. | 29. | 40. | 49. | 78. | 84. | 84. | 84. | 42. | 19.77 | 38.19 | 1.60 |
| 123 New Baltimore | 001 | F01 | 13 | 16. | 17. | 22. | 34. | 41. | 62. | 73. | 73. | 73. | 36. | 17.24 | 32.61 | 1.61 |
| 123 Pontiac | 001 | F01 | 6 | 40. | 40. | 41. | 44. | 76. | 82. | 82. | 82. | 82. | 55. | 18.85 | 52.58 | 1.38 |
| | 002 | F01 | 6 | 33. | 33. | 34. | 41. | 47. | 56. | 56. | 56. | 56. | 43. | 8.60 | 41.79 | 1.22 |
| 123 Port Huron | 001 | F01 | 9 | 36. | 36. | 46. | 58. | 65. | 95. | 95. | 95. | 95. | 61. | 20.60 | 57.58 | 1.40 |
| | 002 | F01 | 10 | 35. | 35. | 44. | 53. | 55. | 69. | 80. | 80. | 80. | 54. | 12.87 | 52.68 | 1.26 |
| | 003 | F01 | 13 | 39. | 43. | 51. | 65. | 79. | 122. | 191. | 191. | 191. | 75. | 40.79 | 68.25 | 1.54 |
| | 004 | F01 | 12 | 9. | 14. | 27. | 32. | 51. | 60. | 61. | 61. | 61. | 37. | 17.00 | 32.47 | 1.80 |
| 123 River Rouge | 005 | G01 | 14 | 49. | 51. | 71. | 77. | 85. | 146. | 153. | 153. | 153. | 89. | 35.23 | 83.22 | 1.46 |
| 123 Royal Oak | 001 | F01 | 2 | 52. | 52. | 52. | 52. | 59. | 59. | 59. | 59. | 59. | - | | | |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MICHIGAN — Cont.** | | | | | | | | | | | | | | | | |
| 123 St Clair | 002 | F01 | 11 | 28. | 36. | 45. | 45. | 51. | 63. | 64. | 64. | 64. | 47. | 10.69 | 46.21 | 1.27 |
| 123 St Clair Shores | 001 | F01 | 14 | 25. | 28. | 36. | 39. | 50. | 92. | 94. | 94. | 94. | 47. | 21.40 | 43.70 | 1.49 |
| 123 Southfield | 001 | F01 | 3 | 22. | 22. | 22. | 35. | 94. | 94. | 94. | 94. | 94. | | | | |
| 123 Sterling Heights | 001 | F01 | 15 | 22. | 23. | 30. | 40. | 54. | 82. | 84. | 84. | 84. | 45. | 19.94 | 41.35 | 1.55 |
| | 002 | F01 | 12 | 22. | 22. | 30. | 38. | 46. | 76. | 105. | 105. | 105. | 44. | 24.60 | 38.89 | 1.63 |
| 123 Trenton | 001 | F01 | 4 | 48. | 48. | 59. | 59. | 69. | 200. | 200. | 200. | 200. | | | | |
| | 003 | G01 | 14 | 38. | 46. | 51. | 55. | 70. | 101. | 138. | 138. | 138. | 66. | 27.00 | 62.36 | 1.42 |
| 123 Warren | 001 | F01 | 12 | 36. | 36. | 44. | 48. | 77. | 114. | 120. | 120. | 120. | 64. | 28.83 | 58.55 | 1.52 |
| | 002 | F01 | 14 | 18. | 26. | 43. | 47. | 58. | 100. | 101. | 101. | 101. | 53. | 24.75 | 47.27 | 1.63 |
| 123 Wayne Co | 009 | G01 | 14 | 33. | 33. | 38. | 44. | 65. | 99. | 119. | 119. | 119. | 57. | 26.46 | 52.10 | 1.52 |
| 123 Westland | 001 | G01 | 13 | 31. | 33. | 39. | 51. | 64. | 90. | 118. | 118. | 118. | 58. | 26.16 | 53.22 | 1.52 |
| 123 Wyandotte | 001 | G01 | 14 | 30. | 32. | 54. | 65. | 81. | 136. | 159. | 159. | 159. | 73. | 37.68 | 65.42 | 1.64 |
| 124 Monroe | 003 | F01 | 11 | 24. | 28. | 32. | 45. | 53. | 59. | 64. | 64. | 64. | 43. | 13.63 | 41.32 | 1.39 |
| | 004 | F01 | 13 | 27. | 47. | 52. | 61. | 70. | 111. | 114. | 114. | 114. | 66. | 24.34 | 62.25 | 1.45 |
| | 020 | F01 | 8 | 38. | 38. | 45. | 69. | 73. | 102. | 102. | 102. | 102. | 67. | 22.90 | 63.07 | 1.43 |
| 124 Monroe Co | 008 | F01 | 9 | 31. | 31. | 43. | 67. | 75. | 140. | 140. | 140. | 140. | 68. | 33.50 | 61.59 | 1.62 |
| 125 Albion | 001 | F01 | 9 | 13. | 13. | 23. | 37. | 45. | 54. | 54. | 54. | 54. | 36. | 14.07 | 32.52 | 1.62 |
| | 002 | F01 | 5 | 13. | 13. | 17. | 29. | 30. | 71. | 71. | 71. | 71. | 32. | 23.02 | 26.73 | 1.92 |
| 125 Ann Arbor | 002 | F01 | 2 | 33. | 33. | 33. | 33. | 61. | 61. | 61. | 61. | 61. | | | | |
| 125 Battle Creek | 001 | F01 | 13 | 23. | 24. | 29. | 38. | 57. | 63. | 68. | 68. | 68. | 42. | 16.29 | 39.63 | 1.47 |
| 125 East Lansing | 001 | F01 | 14 | 20. | 21. | 25. | 34. | 44. | 59. | 68. | 68. | 68. | 37. | 15.74 | 33.80 | 1.52 |
| | 002 | F01 | 11 | 28. | 28. | 33. | 38. | 46. | 62. | 81. | 81. | 81. | 42. | 16.46 | 40.06 | 1.41 |
| 125 Hillsdale | 001 | F01 | 8 | 28. | 28. | 30. | 31. | 39. | 95. | 95. | 95. | 95. | 42. | 22.58 | 38.45 | 1.51 |
| 125 Jackson | 001 | F01 | 12 | 24. | 25. | 26. | 35. | 51. | 74. | 79. | 79. | 79. | 43. | 19.30 | 39.08 | 1.54 |
| 125 Kalamazoo | 002 | F01 | 12 | 25. | 27. | 30. | 49. | 54. | 71. | 76. | 76. | 76. | 47. | 17.18 | 44.11 | 1.47 |
| 125 Kalamazoo Co | 001 | F01 | 1 | 36. | 36. | 36. | 36. | 36. | 36. | 36. | 36. | 36. | | | | |
| 125 Lansing | 001 | F01 | 7 | 31. | 31. | 39. | 89. | 117. | 190. | 190. | 190. | 190. | 89. | 58.77 | 72.02 | 2.05 |
| | 005 | F01 | 15 | 27. | 33. | 37. | 44. | 58. | 72. | 80. | 80. | 80. | 48. | 15.45 | 45.70 | 1.37 |
| | 006 | F01 | 15 | 5. | 35. | 41. | 51. | 75. | 83. | 126. | 126. | 126. | 58. | 28.76 | 48.55 | 2.08 |
| 125 Ypsilanti | 001 | F01 | 4 | 35. | 35. | 44. | 44. | 60. | 81. | 81. | 81. | 81. | | | | |
| 126 Alpena | 001 | F01 | 14 | 15. | 27. | 32. | 39. | 52. | 139. | 154. | 154. | 154. | 55. | 41.47 | 45.22 | 1.89 |
| | 002 | F01 | 13 | 25. | 28. | 38. | 52. | 79. | 88. | 90. | 90. | 90. | 55. | 23.75 | 50.14 | 1.56 |
| | 003 | F01 | 12 | 19. | 21. | 29. | 31. | 44. | 85. | 115. | 115. | 115. | 46. | 29.37 | 39.74 | 1.75 |
| 126 Cadillac | 001 | F01 | 12 | 10. | 16. | 18. | 19. | 23. | 37. | 65. | 65. | 65. | 24. | 14.46 | 21.76 | 1.60 |
| 126 Charlevoix | 001 | F01 | 2 | 35. | 35. | 35. | 35. | 55. | 55. | 55. | 55. | 55. | | | | |
| | 005 | F01 | 3 | 24. | 24. | 24. | 26. | 46. | 46. | 46. | 46. | 46. | | | | |
| 126 Escanaba | 003 | F01 | 9 | 13. | 13. | 20. | 27. | 32. | 54. | 54. | 54. | 54. | 27. | 12.10 | 25.13 | 1.52 |
| 126 Houghton | 001 | F01 | 14 | 10. | 12. | 16. | 20. | 24. | 30. | 33. | 33. | 33. | 21. | 6.95 | 19.87 | 1.43 |
| 126 Manistee | 001 | F01 | 13 | 27. | 31. | 39. | 55. | 76. | 121. | 137. | 137. | 137. | 65. | 33.41 | 57.66 | 1.64 |
| 126 Manistee Co | 001 | F01 | 11 | 4. | 17. | 26. | 32. | 39. | 73. | 90. | 90. | 90. | 37. | 24.66 | 29.37 | 2.28 |
| 126 Marquette | 005 | F01 | 7 | 18. | 18. | 27. | 34. | 45. | 94. | 94. | 94. | 94. | 42. | 26.07 | 36.10 | 1.76 |
| | 010 | F01 | 12 | 1. | 10. | 16. | 21. | 35. | 52. | 72. | 72. | 72. | 27. | 19.68 | 18.34 | 3.55 |
| 126 Marquette Co | 001 | F01 | 12 | 1. | 8. | 15. | 23. | 30. | 31. | 53. | 53. | 53. | 23. | 13.53 | 16.61 | 3.34 |
| | 002 | F01 | 12 | 1. | 13. | 22. | 34. | 40. | 56. | 57. | 57. | 57. | 32. | 17.29 | 22.82 | 3.61 |
| 126 Menominee | 001 | F01 | 8 | 12. | 12. | 14. | 15. | 27. | 34. | 34. | 34. | 34. | 21. | 8.43 | 19.18 | 1.50 |
| 126 Ontonagon Co | 001 | F01 | 13 | 6. | 8. | 13. | 16. | 22. | 34. | 38. | 38. | 38. | 18. | 9.44 | 15.80 | 1.70 |
| 126 Petoskey | 001 | F01 | 12 | 12. | 14. | 18. | 23. | 37. | 47. | 68. | 68. | 68. | 30. | 16.77 | 26.16 | 1.71 |
| | 002 | F01 | 13 | 16. | 26. | 27. | 36. | 51. | 80. | 95. | 95. | 95. | 43. | 22.69 | 38.20 | 1.63 |
| 126 Sault Ste Marie | 002 | F01 | 4 | 18. | 18. | 23. | 23. | 23. | 29. | 29. | 29. | 29. | | | | |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 127 St Cloud | 017 | H01 | 14 | 15. | 22. | 25. | 29. | 41. | 67. | 445. | 445. | 445. | 63. | 110.76 | 37.74 | 2.23 |
| | 021 | H01 | 13 | 26. | 28. | 37 | 58. | 74. | 104. | 347. | 347. | 347. | 79. | 83.98 | 60.20 | 1.98 |
| 127 Stearns Co | 001 | H01 | 14 | 10. | 10. | 17. | 20. | 31. | 47. | 67. | 67. | 67. | 26. | 15.91 | 22.01 | 1.77 |
| | 002 | H01 | 12 | 10. | 15. | 16. | 23. | 32. | 41. | 59. | 59. | 59. | 28. | 13.91 | 24.63 | 1.67 |
| | 003 | H01 | 11 | 15. | 18. | 24. | 29. | 36. | 40. | 48. | 48. | 48. | 30. | 10.17 | 28.25 | 1.44 |
| | 004 | H01 | 14 | 11. | 15. | 20. | 23. | 34. | 43. | 58. | 58. | 58. | 28. | 12.91 | 25.33 | 1.59 |
| 128 Austin | 001 | F01 | 13 | 37. | 37. | 40. | 50. | 65. | 109. | 260. | 260. | 260. | 72. | 61.43 | 59.15 | 1.78 |
| 128 Mankato | 001 | F01 | 7 | 36. | 36. | 43. | 79. | 83. | 157. | 157. | 157. | 157. | 77. | 43.69 | 66.83 | 1.76 |
| 128 Red Wing | 002 | F01 | 4 | 31. | 31. | 39. | 39. | 48. | 68. | 68. | 68. | 68. | | | | |
| | 003 | F01 | 5 | 75. | 75. | 87. | 91. | 123. | 171. | 171. | 171. | 171. | | | | |
| 128 Rochester | 001 | G01 | 31 | 15. | 25. | 31. | 49. | 54. | 77. | 84. | 127. | 127. | 49. | 23.37 | 44.00 | 1.60 |
| | 010 | G01 | 8 | 21. | 21. | 42. | 46. | 63. | 99. | 99. | 99. | 99. | 54. | 25.64 | 48.84 | 1.66 |
| | 014 | G01 | 7 | 26. | 26. | 36. | 47. | 51. | 53. | 53. | 53. | 53. | 42. | 11.80 | 40.43 | 1.36 |
| | 015 | G01 | 6 | 43. | 43. | 44. | 53. | 76. | 131. | 131. | 131. | 131. | 71. | 33.12 | 65.07 | 1.53 |
| | 016 | G01 | 7 | 25. | 25. | 41. | 45. | 53. | 228. | 228. | 228. | 228. | 69. | 70.96 | 52.53 | 2.03 |
| 128 Winona | 009 | F01 | 10 | 6. | 6. | 31. | 38. | 66. | 192. | 374. | 374. | 374. | 92. | 112.64 | 52.02 | 3.16 |
| 129 Cloquet | 011 | F01 | 19 | 4. | 6. | 11. | 15. | 21. | 41. | 41. | 41. | 41. | 19. | 11.09 | 15.62 | 1.85 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MINNESOTA — Cont.** | | | | | | | | | | | | | | | | |
| 129 Duluth | 001 | P01 | 6 | 25. | 25. | 25. | 32. | 58. | 115. | 115. | 115. | 115. | 49. | 34.58 | 41.63 | 1.80 |
| | 002 | G01 | 20 | 12. | 15. | 19. | 31. | 37. | 53. | 75. | 80. | 80. | 33. | 19.32 | 28.68 | 1.73 |
| | 003 | G01 | 23 | 14. | 18. | 20. | 27. | 45. | 59. | 60. | 78. | 78. | 34. | 16.61 | 30.35 | 1.60 |
| | 004 | G01 | 21 | 26. | 30. | 43. | 51. | 69. | 85. | 93. | 118. | 118. | 57. | 24.19 | 51.91 | 1.53 |
| | 005 | G01 | 23 | 24. | 27. | 42. | 54. | 76. | 96. | 108. | 161. | 161. | 63. | 32.43 | 56.26 | 1.64 |
| | 006 | G01 | 17 | 16. | 17. | 32. | 42. | 50. | 61. | 73. | 73. | 73. | 40. | 17.29 | 36.23 | 1.63 |
| | 013 | G01 | 20 | 5. | 15. | 30. | 43. | 58. | 94. | 112. | 135. | 135. | 53. | 34.11 | 41.61 | 2.18 |
| | 015 | G01 | 54 | 8. | 24. | 35. | 49. | 65. | 102. | 119. | 130. | 130. | 54. | 28.57 | 46.83 | 1.75 |
| 129 Ely | 001 | G01 | 23 | 10. | 12. | 17. | 21. | 24. | 61. | 70. | 110. | 110. | 30. | 24.24 | 24.37 | 1.87 |
| 129 Grand Rapids | 003 | F01 | 8 | 12. | 12. | 17. | 17. | 22. | 35. | 35. | 35. | 35. | 20. | 6.93 | 19.47 | 1.37 |
| 129 Hibbing | 001 | G01 | 17 | 8. | 13. | 18. | 27. | 29. | 53. | 61. | 61. | 61. | 27. | 14.74 | 23.49 | 1.74 |
| 129 Hoyt Lakes | 001 | G01 | 19 | 8. | 14. | 18. | 24. | 28. | 67. | 153. | 153. | 153. | 32. | 32.11 | 25.23 | 1.91 |
| 129 International Falls | 002 | F01 | 62 | 15. | 23. | 33. | 49. | 75. | 156. | 193. | 349. | 349. | 75. | 69.90 | 54.37 | 2.15 |
| | 003 | F01 | 54 | 14. | 22. | 32. | 41. | 73. | 132. | 223. | 297. | 297. | 68. | 61.06 | 51.44 | 2.06 |
| | 005 | F01 | 51 | 10. | 14. | 20. | 24. | 33. | 59. | 110. | 286. | 286. | 39. | 47.91 | 27.86 | 2.00 |
| 129 St Louis Co | 001 | G01 | 15 | 12. | 17. | 22. | 35. | 67. | 108. | 135. | 135. | 135. | 48. | 36.85 | 37.38 | 2.08 |
| | 003 | G01 | 19 | 8. | 9. | 12. | 16. | 21. | 46. | 48. | 48. | 48. | 20. | 12.02 | 16.93 | 1.70 |
| 129 Virginia | 001 | G01 | 15 | 11. | 13. | 29. | 35. | 43. | 82. | 93. | 93. | 93. | 40. | 23.28 | 34.34 | 1.81 |
| 130 Moorhead | 005 | F01 | 4 | 35. | 35. | 38. | 38. | 58. | 62. | 62. | 62. | 62. | | | | |
| 131 Bloomington | 004 | F01 | 9 | 35. | 35. | 37. | 42. | 58. | 499. | 499. | 499. | 499. | 96. | 151.54 | 58.07 | 2.32 |
| 131 Dakota Co | 020 | F02 | 13 | 32. | 37. | 49. | 51. | 73. | 94. | 184. | 184. | 184. | 67. | 40.02 | 59.28 | 1.60 |
| 131 Hastings | 005 | F01 | 9 | 18. | 18. | 40. | 64. | 84. | 182. | 182. | 182. | 182. | 73. | 47.92 | 60.86 | 1.93 |
| 131 Minneapolis | 005 | H01 | 13 | 22. | 23. | 35. | 59. | 82. | 102. | 395. | 395. | 395. | 82. | 97.75 | 57.64 | 2.17 |
| | 007 | H01 | 12 | 25. | 27. | 45. | 49. | 74. | 99. | 101. | 101. | 101. | 59. | 26.57 | 53.42 | 1.61 |
| | 014 | H01 | 13 | 47. | 53. | 55. | 67. | 94. | 110. | 382. | 382. | 382. | 96. | 88.29 | 79.53 | 1.72 |
| | 020 | H01 | 11 | 17. | 18. | 23. | 32. | 41. | 52. | 61. | 61. | 61. | 35. | 15.12 | 31.61 | 1.56 |
| | 022 | H01 | 14 | 34. | 39. | 51. | 61. | 86. | 96. | 201. | 201. | 201. | 73. | 42.17 | 65.16 | 1.59 |
| | 027 | F01 | 59 | 30. | 42. | 55. | 61. | 80. | 101. | 109. | 135. | 135. | 68. | 23.03 | 64.60 | 1.40 |
| | 027 | P01 | 6 | 22. | 22. | 61. | 85. | 110. | 110. | 110. | 110. | 110. | 79. | 33.37 | 69.97 | 1.84 |
| | 032 | F01 | 11 | 40. | 43. | 46. | 63. | 100. | 111. | 298. | 298. | 298. | 88. | 74.17 | 72.08 | 1.82 |
| 131 St Louis Park | 006 | F01 | 8 | 30. | 30. | 32. | 37. | 46. | 342. | 342. | 342. | 342. | 76. | 107.70 | 49.37 | 2.25 |
| 131 St Paul | 003 | H01 | 11 | 33. | 39. | 61. | 63. | 85. | 138. | 323. | 323. | 323. | 93. | 81.25 | 75.18 | 1.86 |
| | 014 | H01 | 12 | 28. | 32. | 34. | 49. | 62. | 126. | 301. | 301. | 301. | 77. | 75.92 | 58.71 | 1.97 |
| | 016 | H01 | 13 | 19. | 23. | 35. | 41. | 52. | 59. | 218. | 218. | 218. | 53. | 50.99 | 42.93 | 1.81 |
| | 018 | H01 | 13 | 28. | 30. | 43. | 51. | 61. | 72. | 271. | 271. | 271. | 67. | 62.74 | 55.19 | 1.76 |
| | 021 | H01 | 13 | 27. | 27. | 33. | 56. | 76. | 105. | 390. | 390. | 390. | 81. | 95.88 | 58.74 | 2.06 |
| | 023 | H01 | 6 | 34. | 34. | 47. | 48. | 71. | 402. | 402. | 402. | 402. | | | | |
| | 024 | H01 | 13 | 23. | 25. | 32. | 41. | 60. | 79. | 402. | 402. | 402. | 72. | 100.63 | 48.96 | 2.08 |
| | 030 | H01 | 12 | 50. | 61. | 62. | 83. | 105. | 243. | 268. | 268. | 268. | 111. | 73.90 | 94.96 | 1.74 |
| | 031 | H01 | 13 | 20. | 31. | 47. | 69. | 87. | 104. | 235. | 235. | 235. | 80. | 53.40 | 66.96 | 1.84 |
| | 031 | P01 | 6 | 41. | 41. | 53. | 56. | 110. | 125. | 125. | 125. | 125. | 75. | 34.33 | 68.55 | 1.55 |
| 131 St Paul Park | 004 | F02 | 8 | 22. | 22. | 30. | 37. | 57. | 71. | 71. | 71. | 71. | 46. | 18.76 | 42.19 | 1.55 |
| 131 Shakopee | 002 | F01 | 11 | 27. | 31. | 32. | 36. | 43. | 87. | 106. | 106. | 106. | 48. | 26.10 | 42.75 | 1.57 |
| 131 Stillwater | 002 | F01 | 11 | 14. | 15. | 29. | 38. | 48. | 57. | 66. | 66. | 66. | 39. | 16.72 | 34.70 | 1.67 |
| 131 Wayzata | 002 | F01 | 9 | 25. | 25. | 30. | 41. | 48. | 65. | 65. | 65. | 65. | 41. | 12.52 | 39.59 | 1.35 |
| 132 Bemidji | 002 | F01 | 12 | 8. | 13. | 15. | 15. | 21. | 32. | 75. | 75. | 75. | 22. | 17.73 | 18.45 | 1.74 |
| 132 East Grand Forks | 003 | F01 | 6 | 41. | 41. | 48. | 54. | 84. | 102. | 102. | 102. | 102. | | | | |
| 132 Fergus Falls | 001 | F01 | 12 | 19. | 35. | 47. | 51. | 65. | 383. | 773. | 773. | 773. | 143. | 221.47 | 73.88 | 2.86 |
| 133 Hutchinson | 001 | F01 | 1 | 214. | 214. | 214. | 214. | 214. | 214. | 214. | 214. | 214. | | | | |
| 133 Marshall | 001 | F01 | 10 | 39. | 39. | 53. | 65. | 80. | 193. | 197. | 197. | 197. | 91. | 57.22 | 78.32 | 1.72 |
| 133 Ortonville | 001 | F01 | 8 | 12. | 12. | 22. | 25. | 38. | 1162. | 1162. | 1162. | 1162. | 171. | 400.63 | 41.59 | 4.25 |
| 133 Willmar | 001 | F01 | 7 | 20. | 20. | 45. | 51. | 53. | 87. | 87. | 87. | 87. | 54. | 24.12 | 48.97 | 1.65 |
| 133 Worthington | 001 | F01 | 10 | 9. | 9. | 36. | 39. | 48. | 102. | 259. | 259. | 259. | 68. | 72.76 | 46.42 | 2.51 |
| **MISSISSIPPI** | | | | | | | | | | | | | | | | |
| 005 Biloxi | 002 | F01 | 15 | 17. | 19. | 32. | 40. | 47. | 60. | 161. | 161. | 161. | 47. | 34.01 | 40.04 | 1.71 |
| 005 Brookhaven | 001 | F01 | 15 | 15. | 25. | 40. | 46. | 72. | 86. | 139. | 139. | 139. | 55. | 31.06 | 48.10 | 1.73 |
| 005 Gulfport | 002 | F01 | 15 | 12. | 25. | 41. | 48. | 59. | 71. | 216. | 216. | 216. | 56. | 46.83 | 46.22 | 1.85 |
| 005 Hattiesburg | 002 | F01 | 13 | 13. | 29. | 36. | 46. | 54. | 68. | 70. | 70. | 70. | 45. | 16.71 | 41.33 | 1.58 |
| 005 Jackson | 003 | F01 | 15 | 22. | 28. | 49. | 58. | 72. | 123. | 158. | 158. | 158. | 67. | 36.04 | 58.83 | 1.69 |
| | 007 | F01 | 15 | 21. | 23. | 40. | 51. | 58. | 89. | 131. | 131. | 131. | 54. | 30.05 | 47.04 | 1.72 |
| | 008 | F01 | 15 | 17. | 22. | 33. | 51. | 64. | 112. | 148. | 148. | 148. | 57. | 36.09 | 47.35 | 1.86 |
| | 009 | F01 | 15 | 15. | 20. | 24. | 37. | 44. | 66. | 71. | 71. | 71. | 38. | 17.07 | 34.66 | 1.58 |
| 005 Jackson Co | 002 | F01 | 14 | 17. | 18. | 33. | 43. | 54. | 67. | 153. | 153. | 153. | 49. | 33.75 | 41.40 | 1.77 |
| 005 Lamar Co | 001 | F01 | 15 | 18. | 23. | 39. | 49. | 58. | 122. | 160. | 160. | 160. | 59. | 38.40 | 50.22 | 1.79 |
| 005 Laurel | 002 | F01 | 15 | 36. | 47. | 56. | 82. | 110. | 184. | 185. | 185. | 185. | 92. | 47.42 | 81.67 | 1.65 |
| 005 Mc Comb | 001 | F01 | 9 | 22. | 22. | 30. | 36. | 57. | 108. | 108. | 108. | 108. | 46. | 26.46 | 40.75 | 1.63 |
| 005 Meridian | 002 | F01 | 13 | 16. | 23. | 38. | 46. | 56. | 62. | 69. | 69. | 69. | 45. | 15.31 | 42.17 | 1.51 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **MISSISSIPPI — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 005 Moss Point | 001 | F01 | 15 | 29. | 34. | 49. | 59. | 68. | 144. | 149. | 149. | 149. | 69. | 38.12 | 61.12 | 1.65 |
| 005 Natchez | 004 | F01 | 13 | 20. | 22. | 40. | 51. | 60. | 82. | 129. | 129. | 129. | 53. | 28.64 | 47.25 | 1.67 |
| 005 Pascagoula | 002 | F01 | 6 | 65. | 65. | 98. | 106. | 229. | 233. | 233. | 233. | 233. |  |  |  |  |
|  | 003 | F01 | 5 | 36. | 36. | 54. | 54. | 85. | 86. | 86. | 86. | 86. |  |  |  |  |
| 005 Vicksburg | 003 | F01 | 6 | 19. | 19. | 32. | 35. | 64. | 115. | 115. | 115. | 115. |  |  |  |  |
| 018 De Soto Co | 002 | F01 | 13 | 14. | 17. | 24. | 35. | 40. | 63. | 70. | 70. | 70. | 36. | 16.43 | 32.30 | 1.59 |
| 134 Clarksdale | 001 | F01 | 14 | 16. | 22. | 41. | 47. | 85. | 103. | 124. | 124. | 124. | 61. | 32.20 | 53.11 | 1.80 |
| 134 Greenville | 002 | F01 | 13 | 24. | 41. | 43. | 59. | 107. | 145. | 164. | 164. | 164. | 77. | 43.41 | 66.31 | 1.75 |
| 134 Greenwood | 001 | F01 | 14 | 23. | 40. | 53. | 77. | 95. | 146. | 187. | 187. | 187. | 85. | 45.78 | 73.35 | 1.77 |
| 135 Columbus | 001 | F01 | 12 | 9. | 18. | 37. | 38. | 53. | 64. | 117. | 117. | 117. | 46. | 27.64 | 38.77 | 1.92 |
| 135 Corinth | 002 | F01 | 14 | 19. | 19. | 31. | 37. | 62. | 69. | 81. | 81. | 81. | 45. | 21.77 | 39.59 | 1.71 |
| 135 Kosciusko | 001 | F01 | 14 | 16. | 22. | 41. | 41. | 49. | 94. | 130. | 130. | 130. | 50. | 30.02 | 43.27 | 1.73 |
| 135 Oxford | 001 | F01 | 6 | 17. | 17. | 26. | 29. | 50. | 56. | 56. | 56. | 56. |  |  |  |  |
| 135 Ripley | 001 | F01 | 6 | 21. | 21. | 46. | 54. | 78. | 84. | 84. | 84. | 84. |  |  |  |  |
| 135 Tupelo | 002 | F01 | 6 | 13. | 13. | 35. | 43. | 53. | 81. | 81. | 81. | 81. |  |  |  |  |
| **MISSOURI** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 070 Bellefontaine Neighbors | 001 | G01 | 9 | 39. | 39. | 43. | 57. | 65. | 76. | 76. | 76. | 76. | 55. | 12.80 | 54.11 | 1.26 |
|  | 002 | G01 | 8 | 29. | 29. | 37. | 43. | 44. | 54. | 54. | 54. | 54. | 41. | 8.97 | 40.57 | 1.25 |
| 070 Berkeley | 001 | G01 | 5 | 40. | 40. | 42. | 45. | 54. | 89. | 89. | 89. | 89. | 54. | 20.38 | 51.48 | 1.39 |
| 070 Clayton | 002 | G01 | 7 | 38. | 38. | 45. | 46. | 46. | 92. | 92. | 92. | 92. | 53. | 18.94 | 50.93 | 1.36 |
| 070 Jefferson Co | 005 | F02 | 5 | 47. | 47. | 48. | 61. | 75. | 101. | 101. | 101. | 101. | 66. | 22.54 | 63.70 | 1.38 |
| 070 Lemay | 002 | G01 | 9 | 18. | 18. | 28. | 39. | 48. | 96. | 96. | 96. | 96. | 45. | 23.78 | 40.62 | 1.64 |
|  | 003 | G01 | 12 | 64. | 69. | 85. | 100. | 161. | 178. | 226. | 226. | 226. | 120. | 51.98 | 110.60 | 1.52 |
| 070 St Ann | 001 | G01 | 13 | 30. | 41. | 45. | 48. | 55. | 75. | 89. | 89. | 89. | 53. | 15.33 | 50.85 | 1.32 |
| 070 St Louis | 001 | P01 | 5 | 47. | 47. | 64. | 72. | 90. | 95. | 95. | 95. | 95. | 74. | 19.55 | 71.37 | 1.33 |
|  | 006 | H01 | 26 | 36. | 42. | 65. | 74. | 87. | 129. | 132. | 147. | 147. | 78. | 27.79 | 73.69 | 1.43 |
|  | 007 | H01 | 25 | 39. | 49. | 77. | 93. | 143. | 236. | 323. | 743. | 743. | 141. | 143.08 | 107.24 | 1.98 |
|  | 010 | H01 | 12 | 26. | 39. | 44. | 54. | 60. | 67. | 80. | 80. | 80. | 53. | 14.83 | 51.22 | 1.35 |
|  | 012 | H01 | 14 | 26. | 34. | 45. | 51. | 55. | 66. | 84. | 84. | 84. | 51. | 14.35 | 48.82 | 1.34 |
|  | 015 | H01 | 13 | 39. | 40. | 46. | 51. | 57. | 70. | 75. | 75. | 75. | 53. | 10.75 | 51.63 | 1.22 |
|  | 025 | H01 | 15 | 36. | 39. | 58. | 66. | 75. | 87. | 112. | 112. | 112. | 67. | 20.49 | 63.66 | 1.38 |
|  | 032 | H01 | 14 | 34. | 38. | 48. | 51. | 63. | 96. | 100. | 100. | 100. | 58. | 20.45 | 55.26 | 1.40 |
|  | 061 | H01 | 15 | 36. | 54. | 72. | 88. | 120. | 149. | 163. | 163. | 163. | 95. | 36.04 | 88.11 | 1.51 |
|  | 062 | H01 | 9 | 42. | 42. | 67. | 79. | 94. | 126. | 126. | 126. | 126. | 81. | 23.75 | 77.96 | 1.36 |
|  | 063 | H01 | 15 | 24. | 37. | 58. | 70. | 78. | 89. | 91. | 91. | 91. | 67. | 19.03 | 63.43 | 1.43 |
| 070 St Louis Co | 003 | G01 | 5 | 21. | 21. | 22. | 29. | 31. | 37. | 37. | 37. | 37. | 28. | 6.61 | 27.29 | 1.27 |
| 094 North Kansas City | 004 | F01 | 14 | 41. | 44. | 57. | 62. | 105. | 122. | 124. | 124. | 124. | 79. | 31.08 | 73.46 | 1.49 |
| 094 Platte Co | 001 | F01 | 15 | 18. | 18. | 36. | 41. | 69. | 89. | 91. | 91. | 91. | 50. | 24.67 | 44.34 | 1.70 |
| 094 St Joseph | 002 | F01 | 13 | 24. | 35. | 79. | 119. | 150. | 152. | 183. | 183. | 183. | 110. | 46.78 | 96.44 | 1.81 |
|  | 003 | F01 | 13 | 19. | 51. | 72. | 105. | 131. | 171. | 177. | 177. | 177. | 101. | 46.72 | 88.58 | 1.82 |
| 137 Columbia | 002 | F01 | 14 | 25. | 42. | 51. | 64. | 72. | 131. | 139. | 139. | 139. | 72. | 33.75 | 65.34 | 1.61 |
|  | 003 | F01 | 15 | 13. | 27. | 36. | 40. | 46. | 71. | 77. | 77. | 77. | 44. | 17.56 | 40.29 | 1.56 |
| 137 Fulton | 001 | F01 | 14 | 10. | 21. | 25. | 30. | 40. | 58. | 64. | 64. | 64. | 35. | 14.96 | 31.51 | 1.61 |
| 137 Hannibal | 002 | F01 | 15 | 32. | 33. | 40. | 65. | 84. | 119. | 121. | 121. | 121. | 66. | 30.30 | 60.20 | 1.58 |
| 137 Kirksville | 001 | F01 | 14 | 18. | 24. | 47. | 59. | 72. | 115. | 118. | 118. | 118. | 64. | 32.19 | 55.81 | 1.78 |
| 137 Maryville | 001 | F01 | 14 | 12. | 14. | 18. | 25. | 36. | 50. | 76. | 76. | 76. | 31. | 17.66 | 26.90 | 1.72 |
| 137 Mexico | 001 | F01 | 12 | 21. | 31. | 36. | 45. | 72. | 135. | 140. | 140. | 140. | 61. | 39.20 | 52.05 | 1.78 |
|  | 004 | F01 | 12 | 27. | 35. | 43. | 59. | 111. | 176. | 184. | 184. | 184. | 87. | 57.31 | 70.80 | 1.96 |
| 138 Cape Girardeau | 002 | F01 | 7 | 23. | 23. | 37. | 37. | 44. | 62. | 62. | 62. | 62. | 40. | 12.25 | 38.46 | 1.36 |
| 138 Poplar Bluff | 002 | F01 | 15 | 10. | 11. | 24. | 25. | 29. | 41. | 60. | 60. | 60. | 27. | 12.18 | 24.78 | 1.58 |
| 138 Rolla | 001 | F01 | 15 | 10. | 16. | 28. | 32. | 38. | 49. | 50. | 50. | 50. | 33. | 11.93 | 30.14 | 1.57 |
| 138 Sikeston | 002 | F01 | 8 | 10. | 10. | 18. | 20. | 27. | 34. | 34. | 34. | 34. | 22. | 7.77 | 20.40 | 1.49 |
| 139 Camden Co | 001 | F01 | 12 | 16. | 18. | 22. | 26. | 42. | 44. | 64. | 64. | 64. | 31. | 14.08 | 28.97 | 1.51 |
| 139 Joplin | 001 | F01 | 14 | 27. | 30. | 41. | 47. | 55. | 76. | 86. | 86. | 86. | 51. | 16.86 | 48.12 | 1.39 |
| 139 Shannon Co | 002 | P03 | 7 | 7. | 7. | 11. | 15. | 16. | 20. | 20. | 20. | 20. | 14. | 4.71 | 13.39 | 1.45 |
| 139 Springfield | 005 | H01 | 15 | 19. | 24. | 34. | 43. | 59. | 70. | 72. | 72. | 72. | 46. | 16.47 | 43.35 | 1.48 |
|  | 007 | H01 | 8 | 34. | 34. | 43. | 46. | 62. | 79. | 79. | 79. | 79. | 55. | 16.15 | 52.49 | 1.35 |
|  | 012 | H01 | 15 | 18. | 19. | 32. | 38. | 47. | 56. | 70. | 70. | 70. | 39. | 14.68 | 36.29 | 1.50 |
|  | 013 | H01 | 15 | 19. | 29. | 31. | 34. | 41. | 54. | 70. | 70. | 70. | 38. | 12.38 | 36.17 | 1.37 |
|  | 015 | H01 | 15 | 20. | 31. | 41. | 49. | 66. | 78. | 99. | 99. | 99. | 53. | 20.28 | 49.01 | 1.50 |
|  | 016 | H01 | 15 | 16. | 26. | 32. | 41. | 52. | 74. | 94. | 94. | 94. | 47. | 21.25 | 42.25 | 1.59 |
|  | 018 | H01 | 12 | 21. | 22. | 26. | 32. | 40. | 45. | 49. | 49. | 49. | 33. | 9.74 | 31.53 | 1.35 |
| **MONTANA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140 Big Horn Co | 009 | F03 | 7 | 7. | 7. | 35. | 39. | 64. | 77. | 77. | 77. | 77. | 44. | 29.86 | 31.23 | 2.79 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MONTANA — Cont.** | | | | | | | | | | | | | | | | |
| 140 Billings | 006 | G02 | 15 | 16. | 23. | 26. | 32. | 39. | 43. | 110. | 110. | 110. | 37. | 21.75 | 33.38 | 1.54 |
| | 007 | G01 | 14 | 6. | 18. | 23. | 26. | 30. | 33. | 47. | 47. | 47. | 26. | 9.52 | 24.09 | 1.42 |
| | 008 | G01 | 15 | 22. | 28. | 34. | 47. | 69. | 105. | 157. | 157. | 157. | 57. | 35.86 | 48.67 | 1.72 |
| | 009 | G01 | 13 | 16. | 17. | 30. | 42. | 54. | 61. | 83. | 83. | 83. | 43. | 18.90 | 38.63 | 1.43 |
| 140 Laurel | 001 | G02 | 10 | 16. | 16. | 18. | 20. | 23. | 41. | 54. | 54. | 54. | 25. | 12.39 | 23.22 | 1.49 |
| 141 Cascade Co | 028 | G02 | 4 | 4. | 4. | 6. | 6. | 8. | 9. | 9. | 9. | 9. | | | | |
| 141 Glacier Nat Park | 001 | F03 | 12 | 1. | 1. | 1. | 1. | 3. | 6. | 7. | 7. | 7. | 3. | 2.41 | 1.70 | 2.74 |
| 141 Great Falls | 007 | G02 | 21 | 4. | 9. | 15. | 19. | 25. | 33. | 35. | 40. | 40. | 20. | 9.60 | 17.40 | 1.77 |
| | 009 | G01 | 18 | 22. | 29. | 38. | 44. | 58. | 208. | 310. | 310. | 310. | 72. | 74.28 | 53.54 | 2.02 |
| 142 Butte | 005 | F01 | 25 | 20. | 44. | 65. | 80. | 118. | 162. | 187. | 196. | 196. | 93. | 47.42 | 81.12 | 1.75 |
| | 011 | F02 | 12 | 8. | 10. | 18. | 28. | 42. | 78. | 87. | 87. | 87. | 35. | 25.25 | 27.16 | 2.10 |
| | 013 | F01 | 22 | 14. | 19. | 25. | 30. | 42. | 60. | 67. | 111. | 111. | 38. | 21.57 | 33.34 | 1.64 |
| 142 Deer Lodge Co | 905 | A05 | 15 | 7. | 18. | 24. | 29. | 37. | 41. | 138. | 138. | 138. | 35. | 29.95 | 28.77 | 1.86 |
| 142 Granite Co | 005 | F02 | 13 | 4. | 9. | 13. | 21. | 33. | 64. | 106. | 106. | 106. | 31. | 28.10 | 21.79 | 2.37 |
| 142 Helena | 001 | F01 | 4 | 10. | 10. | 22. | 22. | 31. | 57. | 57. | 57. | 57. | | | | |
| 142 Jefferson Co | 903 | A05 | 8 | 9. | 9. | 11. | 22. | 26. | 75. | 75. | 75. | 75. | 28. | 22.32 | 21.56 | 2.11 |
| 142 Lewis And Clark Co | 002 | F02 | 22 | 12. | 29. | 41. | 46. | 57. | 82. | 83. | 101. | 101. | 51. | 21.09 | 46.09 | 1.42 |
| 142 Powell Co | 005 | F02 | 8 | 28. | 28. | 34. | 35. | 38. | 64. | 64. | 64. | 64. | 39. | 11.12 | 37.99 | 1.38 |
| | 018 | F02 | 13 | 10. | 47. | 59. | 96. | 118. | 153. | 177. | 177. | 177. | 92. | 46.00 | 77.15 | 2.09 |
| 142 Silver Bow Co | 014 | F02 | 23 | 8. | 13. | 22. | 30. | 36. | 48. | 50. | 51. | 51. | 29. | 12.38 | 26.34 | 1.66 |
| 143 Dawson Co | 003 | F03 | 14 | 1. | 4. | 9. | 10. | 12. | 23. | 29. | 29. | 29. | 12. | 7.42 | 9.07 | 2.30 |
| 143 Mc Cone Co | 001 | F03 | 13 | 3. | 4. | 6. | 10. | 13. | 18. | 37. | 37. | 37. | 11. | 8.84 | 9.23 | 1.96 |
| 143 Powder River Co | 008 | F03 | 7 | 2. | 2. | 3. | 5. | 6. | 8. | 8. | 8. | 8. | | | | |
| 143 Rosebud Co | 026 | F03 | 12 | 4. | 4. | 5. | 7. | 8. | 10. | 12. | 12. | 12. | 7. | 2.63 | 6.55 | 1.47 |
| | 027 | F03 | 19 | 5. | 6. | 8. | 13. | 20. | 50. | 73. | 73. | 73. | 19. | 17.38 | 13.93 | 2.12 |
| | 028 | F03 | 19 | 3. | 3. | 5. | 6. | 8. | 14. | 19. | 19. | 19. | 8. | 4.39 | 6.55 | 1.74 |
| 144 Kalispell | 011 | F01 | 13 | 7. | 8. | 28. | 36. | 128. | 167. | 174. | 174. | 174. | 66. | 61.52 | 41.75 | 2.88 |
| 144 Libby | 009 | F01 | 15 | 24. | 43. | 52. | 57. | 80. | 156. | 196. | 196. | 196. | 82. | 52.62 | 68.70 | 1.81 |
| 144 Missoula Co | 001 | G01 | 85 | 16. | 34. | 45. | 68. | 94. | 155. | 172. | 239. | 239. | 79. | 46.17 | 66.85 | 1.81 |
| | 009 | G01 | 88 | 11. | 15. | 24. | 32. | 44. | 63. | 81. | 127. | 127. | 38. | 21.56 | 32.35 | 1.74 |
| | 010 | G01 | 86 | 6. | 19. | 29. | 39. | 52. | 87. | 99. | 143. | 143. | 46. | 27.55 | 38.54 | 1.89 |
| | 013 | G01 | 87 | 6. | 12. | 21. | 26. | 35. | 59. | 68. | 95. | 95. | 31. | 17.87 | 26.42 | 1.80 |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 085 Bellevue | 002 | F01 | 7 | 23. | 23. | 76. | 82. | 83. | 236. | 236. | 236. | 236. | 91. | 69.18 | 73.08 | 2.07 |
| 085 Omaha | 001 | F01 | 7 | 27. | 27. | 59. | 71. | 83. | 181. | 181. | 181. | 181. | 87. | 53.75 | 73.26 | 1.89 |
| | 011 | G01 | 14 | 41. | 43. | 79. | 101. | 119. | 206. | 331. | 331. | 331. | 121. | 78.43 | 101.45 | 1.83 |
| | 015 | G01 | 14 | 26. | 32. | 42. | 52. | 69. | 118. | 130. | 130. | 130. | 62. | 30.86 | 55.77 | 1.60 |
| | 017 | G01 | 14 | 40. | 52. | 65. | 102. | 221. | 269. | 290. | 290. | 290. | 146. | 91.12 | 118.64 | 1.98 |
| | 018 | G01 | 14 | 5. | 26. | 34. | 51. | 88. | 125. | 141. | 141. | 141. | 66. | 40.15 | 50.99 | 2.37 |
| | 019 | G01 | 14 | 27. | 29. | 42. | 51. | 80. | 141. | 178. | 178. | 178. | 69. | 45.34 | 58.60 | 1.79 |
| | 020 | G01 | 14 | 25. | 31. | 36. | 47. | 86. | 146. | 198. | 198. | 198. | 72. | 49.63 | 59.35 | 1.87 |
| | 022 | G01 | 14 | 12. | 20. | 27. | 29. | 38. | 57. | 77. | 77. | 77. | 35. | 16.53 | 32.00 | 1.59 |
| | 023 | G01 | 14 | 21. | 23. | 29. | 36. | 47. | 81. | 145. | 145. | 145. | 47. | 32.29 | 40.83 | 1.69 |
| | 029 | G01 | 10 | 22. | 22. | 36. | 46. | 63. | 207. | 386. | 386. | 386. | 98. | 114.24 | 64.93 | 2.39 |
| 085 Papillion | 001 | G01 | 13 | 19. | 21. | 24. | 35. | 69. | 99. | 195. | 195. | 195. | 59. | 49.91 | 45.41 | 2.08 |
| 086 South Sioux City | 001 | F01 | 7 | 25. | 25. | 53. | 71. | 98. | 210. | 210. | 210. | 210. | 98. | 71.08 | 77.41 | 2.14 |
| 145 Beatrice | 001 | F01 | 8 | 25. | 25. | 52. | 52. | 84. | 125. | 125. | 125. | 125. | 71. | 33.61 | 63.36 | 1.68 |
| 145 Fairbury | 001 | F01 | 8 | 22. | 22. | 57. | 57. | 80. | 222. | 222. | 222. | 222. | 84. | 61.04 | 69.25 | 1.93 |
| 145 Lancaster Co | 001 | G01 | 14 | 6. | 17. | 20. | 22. | 33. | 43. | 46. | 46. | 46. | 26. | 10.98 | 23.46 | 1.67 |
| | 002 | G01 | 15 | 28. | 41. | 53. | 94. | 148. | 307. | 330. | 330. | 330. | 136. | 107.37 | 101.69 | 2.23 |
| | 003 | G01 | 15 | 16. | 17. | 30. | 40. | 46. | 66. | 69. | 69. | 69. | 40. | 17.68 | 36.33 | 1.42 |
| | 004 | G01 | 14 | 28. | 31. | 43. | 52. | 102. | 143. | 274. | 274. | 274. | 85. | 65.75 | 68.11 | 1.96 |
| | 005 | G01 | 15 | 12. | 19. | 29. | 32. | 41. | 49. | 63. | 63. | 63. | 35. | 12.99 | 32.07 | 1.52 |
| | 006 | G01 | 13 | 15. | 16. | 18. | 37. | 51. | 68. | 85. | 85. | 85. | 37. | 22.35 | 31.37 | 1.82 |
| 145 Lincoln | 002 | F01 | 7 | 23. | 23. | 41. | 50. | 70. | 87. | 87. | 87. | 87. | 54. | 22.74 | 49.5[illegible] | 1.59 |
| | 003 | G01 | 14 | 32. | 36. | 51. | 66. | 94. | 117. | 134. | 134. | 134. | 74. | 32.31 | 66.[illegible] | 1.59 |
| | 004 | G01 | 13 | 20. | 33. | 44. | 80. | 101. | 130. | 197. | 197. | 197. | 79. | 48.81 | 65.90 | 1.91 |
| | 005 | G01 | 15 | 22. | 22. | 31. | 47. | 55. | 101. | 109. | 109. | 109. | 51. | 27.11 | 45.54 | 1.66 |
| | 006 | G01 | 15 | 24. | 32. | 44. | 62. | 93. | 116. | 120. | 120. | 120. | 68. | 32.92 | 60.06 | 1.47 |
| 146 Brown Co | 001 | F01 | 7 | 24. | 24. | 29. | 35. | 49. | 57. | 57. | 57. | 57. | 39. | 13.57 | 37.34 | 1.42 |
| 146 Cass Co | 001 | F01 | 5 | 22. | 22. | 33. | 40. | 71. | 129. | 129. | 129. | 129. | 59. | 43.12 | 48.15 | 2.01 |
| | 002 | F01 | 8 | 36. | 36. | 40. | 52. | 71. | 80. | 80. | 80. | 80. | 56. | 18.42 | 53.32 | 1.40 |
| 146 Chadron | 001 | F01 | 8 | 12. | 12. | 22. | 22. | 37. | 59. | 59. | 59. | 59. | 30. | 16.03 | 26.24 | 1.72 |
| 146 Columbus | 001 | F01 | 8 | 29. | 29. | 52. | 54. | 71. | 96. | 96. | 96. | 96. | 62. | 21.25 | 58.21 | 1.45 |
| 146 Cozad | 001 | F01 | 8 | 52. | 52. | 63. | 96. | 113. | 136. | 136. | 136. | 136. | 93. | 33.01 | 87.57 | 1.47 |
| 146 Fremont | 001 | F01 | 5 | 48. | 48. | 95. | 97. | 98. | 127. | 127. | 127. | 127. | 93. | 28.31 | 88.70 | 1.44 |
| | 002 | F01 | 3 | 50. | 50. | 50. | 94. | 95. | 95. | 95. | 95. | 95. | | | | |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEBRASKA — Cont.** | | | | | | | | | | | | | | | | |
| 146 Grand Island | 001 | F01 | 8 | 28. | 28. | 49. | 49. | 66. | 68. | 68. | 68. | 68. | 52. | 14.31 | 50.40 | 1.36 |
| 146 Hastings | 001 | F01 | 5 | 81. | 81. | 86. | 97. | 168. | 201. | 201. | 201. | 201. | 127. | 54.24 | 118.12 | 1.51 |
| | 002 | F01 | 3 | 88. | 88. | 88. | 137. | 189. | 189. | 189. | 189. | 189. | | | | |
| 146 Kearney | 001 | F01 | 8 | 69. | 69. | 70. | 78. | 115. | 152. | 152. | 152. | 152. | 96. | 30.64 | 91.60 | 1.36 |
| 146 Lexington | 001 | F01 | 8 | 23. | 23. | 44. | 51. | 68. | 89. | 89. | 89. | 89. | 57. | 21.10 | 52.92 | 1.53 |
| 146 Lincoln Co | 001 | F01 | 8 | 9. | 9. | 13. | 14. | 20. | 31. | 31. | 31. | 31. | 17. | 7.24 | 16.24 | 1.51 |
| 146 Norfolk | 001 | F01 | 8 | 24. | 24. | 46. | 48. | 85. | 136. | 136. | 136. | 136. | 67. | 37.91 | 58.65 | 1.75 |
| 146 North Platte | 001 | F01 | 15 | 30. | 32. | 40. | 47. | 71. | 87. | 90. | 90. | 90. | 55. | 21.87 | 51.22 | 1.47 |
| 146 Scottsbluff | 001 | F01 | 8 | 23. | 23. | 41. | 42. | 93. | 128. | 128. | 128. | 128. | 64. | 38.40 | 54.67 | 1.82 |
| 146 Superior | 001 | F01 | 8 | 58. | 58. | 89. | 99. | 140. | 293. | 293. | 293. | 293. | 125. | 74.71 | 111.03 | 1.66 |
| 146 Thomas Co | 001 | P03 | 4 | 6. | 6. | 11. | 11. | 11. | 16. | 16. | 16. | 16. | | | | |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 013 Boulder City | 003 | G01 | 14 | 12. | 15. | 27. | 31. | 41. | 50. | 78. | 78. | 78. | 35. | 16.93 | 31.60 | 1.64 |
| 013 Clark Co | 012 | G01 | 13 | 10. | 16. | 17. | 21. | 32. | 38. | 90. | 90. | 90. | 28. | 20.17 | 24.14 | 1.71 |
| | 018 | G02 | 4 | 17. | 17. | 17. | 17. | 50. | 51. | 51. | 51. | 51. | | | | |
| 013 Henderson | 004 | G01 | 14 | 53. | 59. | 76. | 87. | 102. | 135. | 231. | 231. | 231. | 98. | 44.07 | 91.14 | 1.44 |
| | 005 | G01 | 14 | 34. | 39. | 55. | 67. | 74. | 95. | 142. | 142. | 142. | 68. | 28.09 | 63.55 | 1.48 |
| 013 Las Vegas | 001 | G01 | 15 | 52. | 56. | 65. | 90. | 105. | 118. | 188. | 188. | 188. | 90. | 34.59 | 84.90 | 1.41 |
| | 004 | G01 | 15 | 56. | 63. | 91. | 107. | 128. | 207. | 793. | 793. | 793. | 152. | 181.15 | 115.48 | 1.88 |
| | 007 | G01 | 15 | 42. | 48. | 63. | 71. | 83. | 134. | 161. | 161. | 161. | 80. | 31.62 | 75.23 | 1.42 |
| | 009 | G01 | 15 | 45. | 58. | 81. | 105. | 110. | 187. | 247. | 247. | 247. | 109. | 50.22 | 100.05 | 1.52 |
| | 010 | G01 | 15 | 52. | 65. | 87. | 91. | 110. | 167. | 227. | 227. | 227. | 105. | 45.60 | 97.42 | 1.47 |
| | 012 | G02 | 12 | 56. | 68. | 75. | 95. | 122. | 156. | 422. | 422. | 422. | 125. | 98.19 | 105.79 | 1.70 |
| | 013 | G01 | 15 | 24. | 36. | 41. | 45. | 67. | 102. | 156. | 156. | 156. | 60. | 33.97 | 53.29 | 1.61 |
| 013 North Las Vegas | 001 | G01 | 14 | 59. | 63. | 82. | 100. | 122. | 151. | 182. | 182. | 182. | 104. | 35.43 | 98.70 | 1.40 |
| | 002 | G01 | 13 | 27. | 34. | 37. | 49. | 65. | 86. | 122. | 122. | 122. | 57. | 26.78 | 51.85 | 1.53 |
| 147 Fallon | 001 | F01 | 10 | 36. | 36. | 40. | 78. | 105. | 136. | 236. | 236. | 236. | 92. | 61.02 | 77.28 | 1.65 |
| 147 Hawthorne | 001 | F01 | 12 | 30. | 31. | 37. | 55. | 89. | 128. | 234. | 234. | 234. | 78. | 58.54 | 63.30 | 1.90 |
| 147 Lander Co | 001 | F01 | 14 | 3. | 7. | 20. | 25. | 52. | 83. | 128. | 128. | 128. | 41. | 36.21 | 26.64 | 2.92 |
| 147 Nye Co | 001 | F01 | 14 | 32. | 38. | 98. | 108. | 185. | 251. | 281. | 281. | 281. | 137. | 77.35 | 114.85 | 1.94 |
| | 002 | F01 | 14 | 5. | 7. | 11. | 20. | 22. | 32. | 50. | 50. | 50. | 20. | 11.80 | 16.76 | 1.87 |
| | 003 | F01 | 13 | 24. | 29. | 35. | 67. | 85. | 148. | 154. | 154. | 154. | 70. | 42.18 | 59.78 | 1.82 |
| 147 Pershing Co | 001 | F01 | 12 | 1. | 5. | 9. | 12. | 74. | 210. | 296. | 296. | 296. | 65. | 95.48 | 21.60 | 5.24 |
| 147 White Pine Co | 002 | F02 | 13 | 25. | 38. | 45. | 48. | 54. | 82. | 93. | 93. | 93. | 53. | 18.79 | 50.34 | 1.41 |
| 147 Winnemucca | 001 | F01 | 12 | 42. | 71. | 81. | 95. | 101. | 146. | 346. | 346. | 346. | 114. | 77.56 | 99.36 | 1.65 |
| 148 Carson City | 001 | F01 | 11 | 21. | 32. | 38. | 44. | 65. | 99. | 113. | 113. | 113. | 56. | 29.91 | 49.81 | 1.67 |
| 148 Douglas Co | 002 | F01 | 10 | 9. | 9. | 17. | 50. | 56. | 60. | 68. | 68. | 68. | 42. | 21.54 | 34.55 | 2.08 |
| 148 Lyon Co | 001 | F01 | 12 | 32. | 37. | 44. | 57. | 68. | 110. | 118. | 118. | 118. | 66. | 29.71 | 60.39 | 1.54 |
| | 002 | F01 | 5 | 23. | 23. | 56. | 58. | 101. | 144. | 144. | 144. | 144. | 76. | 46.85 | 64.15 | 2.01 |
| 148 Reno | 001 | I01 | 15 | 23. | 37. | 70. | 102. | 156. | 200. | 234. | 234. | 234. | 113. | 63.38 | 94.36 | 1.97 |
| | 003 | I01 | 15 | 43. | 57. | 72. | 91. | 139. | 154. | 202. | 202. | 202. | 104. | 45.56 | 94.84 | 1.57 |
| | 006 | I01 | 15 | 15. | 22. | 37. | 49. | 52. | 78. | 85. | 85. | 85. | 48. | 19.45 | 44.30 | 1.60 |
| | 007 | I01 | 14 | 21. | 30. | 43. | 57. | 84. | 124. | 124. | 124. | 124. | 68. | 37.51 | 58.84 | 1.79 |
| | 009 | I01 | 15 | 21. | 23. | 42. | 68. | 87. | 124. | 143. | 143. | 143. | 70. | 38.56 | 59.40 | 1.87 |
| 148 Sparks | 002 | I01 | 15 | 23. | 26. | 37. | 60. | 77. | 120. | 139. | 139. | 139. | 64. | 36.64 | 55.09 | 1.80 |
| | 003 | I01 | 15 | 43. | 48. | 69. | 106. | 142. | 206. | 298. | 298. | 298. | 117. | 69.07 | 100.86 | 1.76 |
| 148 Washoe Co | 001 | I01 | 15 | 2. | 5. | 10. | 14. | 24. | 30. | 49. | 49. | 49. | 18. | 12.08 | 13.90 | 2.14 |
| | 002 | I01 | 15 | 3. | 4. | 7. | 12. | 18. | 24. | 33. | 33. | 33. | 14. | 8.67 | 11.49 | 2.02 |
| | 004 | I01 | 15 | 15. | 18. | 23. | 26. | 39. | 55. | 59. | 59. | 59. | 33. | 14.46 | 29.84 | 1.54 |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | |
| 107 Berlin | 001 | F01 | 15 | 28. | 40. | 81. | 85. | 99. | 120. | 195. | 195. | 195. | 91. | 37.82 | 83.82 | 1.57 |
| | 003 | F01 | 14 | 32. | 32. | 36. | 40. | 75. | 101. | 115. | 115. | 115. | 58. | 28.81 | 51.85 | 1.60 |
| | 007 | F01 | 13 | 13. | 25. | 35. | 62. | 74. | 146. | 163. | 163. | 163. | 67. | 45.98 | 53.93 | 2.06 |
| 107 Coos Co | 001 | F03 | 12 | 9. | 10. | 11. | 14. | 29. | 44. | 62. | 62. | 62. | 24. | 16.51 | 19.54 | 1.91 |
| 107 Dover | 001 | F01 | 14 | 16. | 30. | 48. | 54. | 69. | 97. | 165. | 165. | 165. | 65. | 35.85 | 57.07 | 1.73 |
| 107 Northumberland | 001 | F01 | 12 | 14. | 26. | 29. | 39. | 55. | 61. | 62. | 62. | 62. | 41. | 15.86 | 38.06 | 1.57 |
| | 002 | F01 | 11 | 23. | 25. | 38. | 41. | 44. | 51. | 70. | 70. | 70. | 41. | 12.93 | 39.30 | 1.37 |
| 121 Claremont | 002 | F01 | 12 | 5. | 5. | 7. | 13. | 66. | 70. | 178. | 178. | 178. | 43. | 50.66 | 21.13 | 3.68 |
| 121 Concord | 002 | F01 | 15 | 23. | 30. | 40. | 58. | 68. | 110. | 217. | 217. | 217. | 65. | 47.27 | 55.63 | 1.74 |
| 121 Exeter | 002 | F01 | 14 | 32. | 39. | 50. | 60. | 97. | 159. | 168. | 168. | 168. | 86. | 48.74 | 74.52 | 1.76 |
| 121 Hooksett | 001 | F01 | 15 | 18. | 22. | 30. | 37. | 44. | 59. | 107. | 107. | 107. | 41. | 21.16 | 37.22 | 1.53 |
| 121 Keene | 002 | F01 | 14 | 8. | 26. | 35. | 43. | 48. | 59. | 62. | 62. | 62. | 42. | 14.33 | 38.13 | 1.67 |
| | 003 | F01 | 13 | 27. | 32. | 37. | 48. | 58. | 78. | 133. | 133. | 133. | 53. | 27.66 | 48.42 | 1.52 |
| | 004 | F01 | 15 | 6. | 10. | 46. | 64. | 76. | 101. | 141. | 141. | 141. | 61. | 37.28 | 45.65 | 2.54 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW HAMPSHIRE — Cont** | | | | | | | | | | | | | | | | |
| 121 Laconia | 002 | F01 | 15 | 16. | 29. | 46. | 53. | 65. | 112. | 136. | 136. | 136. | 60. | 31.52 | 52.81 | 1.72 |
| 121 Manchester | 008 | F01 | 14 | 27. | 35. | 53. | 57. | 83. | 110. | 142. | 142. | 142. | 69. | 33.05 | 62.06 | 1.43 |
| | 009 | F01 | 14 | 47. | 58. | 73. | 83. | 102. | 158. | 177. | 177. | 177. | 94. | 37.55 | 88.14 | 1.46 |
| | 010 | F01 | 15 | 20. | 31. | 35. | 42. | 65. | 93. | 113. | 113. | 113. | 53. | 26.62 | 47.11 | 1.62 |
| 121 Merrimack Co | 001 | F01 | 15 | 10. | 10. | 32. | 42. | 69. | 99. | 101. | 101. | 101. | 50. | 30.79 | 39.09 | 2.18 |
| 121 Nashua | 007 | F01 | 14 | 35. | 39. | 61. | 64. | 100. | 126. | 141. | 141. | 141. | 80. | 35.08 | 72.77 | 1.56 |
| 121 Newport | 001 | F01 | 15 | 25. | 28. | 45. | 56. | 62. | 94. | 95. | 95. | 95. | 57. | 21.03 | 53.45 | 1.47 |
| 121 Pembroke | 001 | F01 | 15 | 19. | 30. | 46. | 52. | 64. | 84. | 136. | 136. | 136. | 57. | 27.53 | 51.70 | 1.59 |
| 121 Portsmouth | 005 | F01 | 12 | 29. | 29. | 42. | 49. | 65. | 109. | 111. | 111. | 111. | 59. | 28.31 | 53.77 | 1.58 |
| | 006 | F01 | 15 | 26. | 32. | 54. | 61. | 77. | 136. | 157. | 157. | 157. | 72. | 36.59 | 64.38 | 1.63 |
| | 007 | F01 | 14 | 18. | 23. | 33. | 38. | 47. | 93. | 111. | 111. | 111. | 47. | 26.39 | 41.06 | 1.66 |
| 121 Rochester | 003 | F01 | 15 | 19. | 37. | 43. | 60. | 72. | 76. | 155. | 155. | 155. | 62. | 31.24 | 55.73 | 1.61 |
| 121 Rockingham Co | 001 | F01 | 13 | 25. | 29. | 40. | 46. | 57. | 58. | 88. | 88. | 88. | 48. | 16.15 | 45.87 | 1.39 |
| 121 Salem | 002 | F01 | 12 | 17. | 21. | 26. | 37. | 59. | 63. | 89. | 89. | 89. | 43. | 21.89 | 38.19 | 1.60 |
| 121 Tilton | 001 | F01 | 14 | 15. | 22. | 27. | 29. | 39. | 58. | 84. | 84. | 84. | 37. | 17.91 | 33.26 | 1.56 |
| 149 Lebanon | 001 | F01 | 12 | 21. | 24. | 41. | 59. | 63. | 65. | 107. | 107. | 107. | 54. | 22.74 | 49.87 | 1.88 |
| 149 Plymouth | 001 | F01 | 14 | 12. | 21. | 27. | 33. | 44. | 66. | 84. | 84. | 84. | 39. | 19.22 | 34.60 | 1.66 |
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Asbury Park | 002 | F01 | 15 | 32. | 33. | 38. | 41. | 57. | 63. | 65. | 65. | 65. | 46. | 11.46 | 44.71 | 1.28 |
| 043 Bayonne | 001 | P01 | 6 | 38. | 38. | 38. | 39. | 70. | 94. | 94. | 94. | 94. | 58. | 23.24 | 54.15 | 1.48 |
| | 005 | F01 | 13 | 24. | 37. | 45. | 49. | 79. | 91. | 114. | 114. | 114. | 60. | 25.09 | 55.17 | 1.52 |
| 043 Brielle | 001 | F01 | 15 | 17. | 19. | 24. | 28. | 33. | 48. | 49. | 49. | 49. | 30. | 10.03 | 28.67 | 1.38 |
| 043 Carteret | 001 | F01 | 14 | 44. | 44. | 67. | 70. | 86. | 138. | 164. | 164. | 164. | 85. | 36.19 | 78.12 | 1.50 |
| 043 East Orange | 002 | F01 | 14 | 27. | 38. | 43. | 55. | 65. | 103. | 144. | 144. | 144. | 66. | 32.61 | 59.47 | 1.59 |
| 043 Elizabeth | 002 | P01 | 8 | 37. | 37. | 51. | 63. | 83. | 95. | 95. | 95. | 95. | 65. | 21.49 | 61.47 | 1.42 |
| 043 Essex Co | 001 | F01 | 13 | 13. | 16. | 19. | 32. | 51. | 57. | 70. | 70. | 70. | 35. | 18.32 | 31.06 | 1.72 |
| 043 Fair Lawn | 001 | F01 | 15 | 16. | 23. | 32. | 37. | 53. | 88. | 115. | 115. | 115. | 48. | 27.94 | 41.78 | 1.73 |
| 043 Florham Park | 001 | F01 | 15 | 12. | 14. | 22. | 27. | 34. | 54. | 68. | 68. | 68. | 31. | 15.95 | 27.43 | 1.64 |
| 043 Fort Lee | 002 | F01 | 15 | 14. | 15. | 30. | 35. | 53. | 95. | 104. | 104. | 104. | 45. | 27.99 | 37.65 | 1.86 |
| 043 Irvington | 001 | F01 | 14 | 23. | 24. | 37. | 47. | 52. | 77. | 123. | 123. | 123. | 52. | 26.67 | 47.02 | 1.60 |
| 043 Jersey City | 001 | P01 | 8 | 36. | 36. | 48. | 51. | 87. | 127. | 127. | 127. | 127. | 73. | 34.57 | 65.84 | 1.62 |
| | 003 | F01 | 13 | 45. | 58. | 60. | 71. | 93. | 115. | 131. | 131. | 131. | 77. | 25.09 | 74.07 | 1.36 |
| | 004 | F01 | 15 | 28. | 44. | 55. | 58. | 87. | 119. | 141. | 141. | 141. | 72. | 32.04 | 66.07 | 1.54 |
| 043 Linden | 001 | F01 | 15 | 37. | 39. | 51. | 59. | 76. | 93. | 119. | 119. | 119. | 64. | 21.90 | 60.95 | 1.38 |
| 043 Metuchen | 002 | F01 | 15 | 24. | 25. | 32. | 40. | 64. | 96. | 169. | 169. | 169. | 56. | 38.47 | 47.40 | 1.75 |
| 043 Middlesex | 001 | F01 | 14 | 20. | 27. | 37. | 39. | 57. | 73. | 159. | 159. | 159. | 52. | 34.74 | 45.19 | 1.67 |
| 043 Middlesex Co | 002 | F01 | 14 | 13. | 19. | 24. | 29. | 42. | 55. | 56. | 56. | 56. | 33. | 13.98 | 30.30 | 1.56 |
| | 003 | F01 | 13 | 23. | 25. | 30. | 42. | 54. | 86. | 140. | 140. | 140. | 51. | 31.80 | 44.20 | 1.66 |
| | 004 | F01 | 14 | 29. | 34. | 47. | 50. | 54. | 72. | 155. | 155. | 155. | 58. | 30.38 | 52.87 | 1.48 |
| | 005 | F01 | 14 | 29. | 37. | 46. | 47. | 52. | 86. | 126. | 126. | 126. | 56. | 24.30 | 51.89 | 1.43 |
| 043 Monmouth Co | 002 | F01 | 15 | 16. | 19. | 21. | 26. | 42. | 53. | 55. | 55. | 55. | 33. | 13.71 | 30.15 | 1.52 |
| 043 Newark | 001 | P01 | 8 | 29. | 29. | 44. | 47. | 56. | 90. | 90. | 90. | 90. | 52. | 20.72 | 48.97 | 1.48 |
| 043 Orange | 001 | F01 | 13 | 24. | 28. | 37. | 49. | 84. | 87. | 111. | 111. | 111. | 57. | 26.82 | 51.38 | 1.60 |
| 043 Paterson | 001 | P01 | 6 | 23. | 23. | 23. | 59. | 92. | 94. | 94. | 94. | 94. | 60. | 31.62 | 51.48 | 1.91 |
| 043 Perth Amboy | 001 | P01 | 5 | 26. | 26. | 26. | 41. | 45. | 72. | 72. | 72. | 72. | 42. | 18.85 | 38.96 | 1.53 |
| | 002 | F01 | 9 | 37. | 37. | 50. | 55. | 69. | 79. | 79. | 79. | 79. | 57. | 14.56 | 55.07 | 1.30 |
| 043 Rahway | 001 | F01 | 15 | 19. | 21. | 35. | 41. | 52. | 87. | 113. | 113. | 113. | 47. | 25.04 | 41.69 | 1.62 |
| 043 Red Bank | 002 | F01 | 15 | 22. | 23. | 26. | 31. | 40. | 52. | 54. | 54. | 54. | 35. | 10.94 | 33.02 | 1.36 |
| 043 Roselle | 001 | F01 | 15 | 30. | 34. | 55. | 57. | 64. | 114. | 151. | 151. | 151. | 68. | 30.76 | 62.44 | 1.50 |
| 043 Sayreville | 001 | F01 | 15 | 25. | 25. | 39. | 49. | 54. | 97. | 139. | 139. | 139. | 53. | 29.67 | 47.56 | 1.60 |
| 043 Secaucus | 001 | F01 | 15 | 20. | 32. | 38. | 50. | 82. | 126. | 135. | 135. | 135. | 64. | 34.83 | 56.14 | 1.73 |
| 043 Somerset Co | 001 | F01 | 15 | 12. | 15. | 19. | 24. | 36. | 75. | 109. | 109. | 109. | 35. | 26.61 | 28.73 | 1.87 |
| 043 South Amboy | 001 | F01 | 12 | 40. | 41. | 47. | 58. | 61. | 73. | 118. | 118. | 118. | 60. | 20.71 | 57.47 | 1.34 |
| 043 Union Co | 001 | F01 | 13 | 20. | 24. | 32. | 34. | 64. | 80. | 101. | 101. | 101. | 47. | 24.56 | 41.47 | 1.63 |
| 043 Upper Saddle River | 001 | F01 | 15 | 11. | 20. | 24. | 30. | 53. | 71. | 82. | 82. | 82. | 39. | 21.67 | 33.52 | 1.76 |
| 043 West Orange | 001 | F01 | 15 | 17. | 20. | 37. | 39. | 75. | 103. | 110. | 110. | 110. | 55. | 32.73 | 46.15 | 1.86 |
| 045 Burlington | 002 | F01 | 15 | 11. | 20. | 23. | 30. | 40. | 69. | 79. | 79. | 79. | 35. | 18.60 | 30.85 | 1.66 |
| 045 Burlington Co | 003 | F01 | 14 | 13. | 15. | 22. | 24. | 34. | 52. | 56. | 56. | 56. | 30. | 13.23 | 27.43 | 1.55 |
| | 004 | F01 | 15 | 15. | 16. | 22. | 26. | 30. | 65. | 66. | 66. | 66. | 31. | 16.14 | 28.34 | 1.57 |
| | 005 | F01 | 15 | 18. | 19. | 23. | 28. | 43. | 53. | 68. | 68. | 68. | 34. | 14.97 | 31.18 | 1.52 |
| 045 Camden | 001 | P01 | 6 | 46. | 46. | 59. | 62. | 103. | 136. | 136. | 136. | 136. | 78. | 34.13 | 72.96 | 1.49 |
| 045 Camden Co | 003 | F01 | 15 | 14. | 20. | 23. | 34. | 46. | 62. | 73. | 73. | 73. | 37. | 16.65 | 33.23 | 1.58 |
| | 003 | P01 | 3 | 35. | 35. | 35. | 68. | 71. | 71. | 71. | 71. | 71. | | | | |
| 045 Clayton | 001 | F01 | 14 | 14. | 14. | 20. | 23. | 30. | 57. | 63. | 63. | 63. | 29. | 14.93 | 26.44 | 1.59 |
| 045 Collingswood | 001 | F01 | 10 | 19. | 19. | 25. | 29. | 32. | 45. | 78. | 78. | 78. | 35. | 17.24 | 32.47 | 1.50 |
| 045 Glassboro | 001 | P01 | 6 | 41. | 41. | 42. | 64. | 72. | 99. | 99. | 99. | 99. | 64. | 21.53 | 61.37 | 1.40 |
| 045 Gloucester Co | 001 | F01 | 15 | 16. | 18. | 22. | 25. | 33. | 45. | 53. | 53. | 53. | 29. | 11.04 | 27.65 | 1.43 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW JERSEY — Cont.** | | | | | | | | | | | | | | | | |
| 045 Mercer Co | 001 | F01 | 15 | 14. | 15. | 21. | 36. | 58. | 73. | 101. | 101. | 101. | 43. | 24.59 | 35.43 | 1.92 |
| | 002 | F01 | 15 | 13. | 22. | 30. | 39. | 47. | 79. | 83. | 83. | 83. | 43. | 21.94 | 38.11 | 1.49 |
| | 003 | F01 | 15 | 15. | 17. | 28. | 30. | 42. | 83. | 83. | 83. | 83. | 38. | 20.45 | 33.71 | 1.62 |
| 045 Salem Co | 001 | F01 | 15 | 17. | 17. | 20. | 28. | 36. | 48. | 53. | 53. | 53. | 29. | 11.93 | 27.26 | 1.48 |
| 045 Trenton | 001 | F01 | 8 | 33. | 33. | 37. | 42. | 59. | 86. | 86. | 86. | 86. | 51. | 17.60 | 48.38 | 1.38 |
| 045 Woodbury | 001 | F01 | 15 | 18. | 19. | 24. | 33. | 46. | 61. | 101. | 101. | 101. | 40. | 21.86 | 35.33 | 1.63 |
| 150 Atlantic Co | 004 | F01 | 14 | 10. | 16. | 18. | 24. | 32. | 52. | 52. | 52. | 52. | 27. | 12.77 | 24.77 | 1.59 |
| 150 Cape May Co | 001 | F01 | 15 | 11. | 14. | 15. | 21. | 28. | 36. | 44. | 44. | 44. | 24. | 9.81 | 21.85 | 1.52 |
| | 002 | F01 | 15 | 9. | 13. | 16. | 21. | 26. | 43. | 62. | 62. | 62. | 25. | 13.81 | 21.48 | 1.66 |
| 150 Ocean Co | 001 | F01 | 15 | 9. | 14. | 17. | 22. | 27. | 35. | 47. | 47. | 47. | 24. | 9.72 | 21.74 | 1.52 |
| | 002 | F01 | 15 | 11. | 12. | 18. | 22. | 30. | 42. | 58. | 58. | 58. | 26. | 12.87 | 22.99 | 1.61 |
| | 003 | F01 | 15 | 17. | 18. | 30. | 36. | 43. | 64. | 65. | 65. | 65. | 38. | 14.84 | 35.07 | 1.50 |
| | 004 | F01 | 12 | 13. | 18. | 18. | 22. | 27. | 34. | 38. | 38. | 38. | 24. | 7.69 | 22.59 | 1.37 |
| 150 Toms River | 002 | F01 | 15 | 20. | 24. | 37. | 40. | 52. | 62. | 70. | 70. | 70. | 43. | 14.54 | 40.42 | 1.44 |
| 151 Hunterdon Co | 002 | F01 | 14 | 14. | 16. | 18. | 26. | 32. | 62. | 73. | 73. | 73. | 32. | 18.15 | 27.76 | 1.68 |
| 151 Phillipsburg | 003 | F01 | 15 | 17. | 18. | 30. | 38. | 47. | 80. | 148. | 148. | 148. | 47. | 33.81 | 39.01 | 1.82 |
| 151 Sussex Co | 001 | F01 | 15 | 11. | 12. | 20. | 21. | 29. | 57. | 77. | 77. | 77. | 29. | 19.28 | 24.71 | 1.79 |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 152 Albuquerque | 001 | F01 | 5 | 35. | 35. | 62. | 63. | 70. | 85. | 85. | 85. | 85. | 63. | 18.33 | 60.67 | 1.40 |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Babylon | 001 | F01 | 15 | 35. | 36. | 45. | 55. | 74. | 87. | 89. | 89. | 89. | 60. | 18.95 | 57.54 | 1.38 |
| 043 Freeport | 002 | F01 | 15 | 19. | 33. | 38. | 47. | 51. | 77. | 88. | 88. | 88. | 50. | 18.97 | 46.90 | 1.49 |
| 043 Garden City | 001 | F01 | 14 | 26. | 27. | 47. | 50. | 63. | 93. | 106. | 106. | 106. | 58. | 23.51 | 53.46 | 1.51 |
| 043 Glen Cove | 001 | F01 | 14 | 25. | 35. | 50. | 63. | 74. | 108. | 158. | 158. | 158. | 69. | 35.41 | 62.03 | 1.64 |
| 043 Hempstead | 001 | F01 | 15 | 31. | 32. | 45. | 53. | 71. | 109. | 126. | 126. | 126. | 62. | 28.79 | 56.78 | 1.55 |
| | 003 | F01 | 15 | 23. | 27. | 39. | 52. | 68. | 104. | 135. | 135. | 135. | 60. | 31.58 | 53.14 | 1.65 |
| | 004 | F01 | 15 | 21. | 35. | 41. | 52. | 60. | 84. | 94. | 94. | 94. | 54. | 20.94 | 50.16 | 1.49 |
| | 005 | F01 | 15 | 29. | 32. | 42. | 63. | 85. | 112. | 136. | 136. | 136. | 68. | 32.26 | 60.80 | 1.63 |
| | 007 | F01 | 15 | 22. | 31. | 38. | 67. | 73. | 112. | 146. | 146. | 146. | 65. | 32.86 | 57.91 | 1.67 |
| 043 Kings Point | 002 | F01 | 13 | 16. | 22. | 29. | 37. | 68. | 80. | 115. | 115. | 115. | 49. | 28.71 | 42.24 | 1.80 |
| 043 Mamaroneck | 001 | F01 | 9 | 22. | 22. | 27. | 41. | 79. | 172. | 172. | 172. | 172. | 63. | 48.68 | 50.37 | 2.03 |
| | 002 | F01 | 15 | 22. | 26. | 40. | 55. | 77. | 124. | 159. | 159. | 159. | 64. | 37.38 | 55.97 | 1.72 |
| 043 Manhasset | 001 | F01 | 14 | 21. | 29. | 32. | 45. | 56. | 87. | 122. | 122. | 122. | 53. | 27.62 | 47.02 | 1.63 |
| 043 Mount Vernon | 003 | F01 | 14 | 26. | 28. | 38. | 45. | 72. | 107. | 141. | 141. | 141. | 60. | 33.50 | 53.10 | 1.67 |
| 043 Nassau Co | 001 | F01 | 13 | 22. | 24. | 35. | 45. | 62. | 86. | 90. | 90. | 90. | 51. | 21.80 | 46.32 | 1.55 |
| | 002 | F01 | 14 | 15. | 22. | 38. | 49. | 57. | 81. | 104. | 104. | 104. | 51. | 23.10 | 46.12 | 1.65 |
| | 004 | F01 | 14 | 19. | 25. | 33. | 41. | 54. | 79. | 99. | 99. | 99. | 48. | 22.70 | 42.95 | 1.60 |
| | 006 | F01 | 15 | 17. | 29. | 39. | 51. | 63. | 95. | 109. | 109. | 109. | 54. | 24.54 | 48.74 | 1.61 |
| 043 New Rochelle | 002 | F01 | 14 | 32. | 36. | 40. | 54. | 74. | 100. | 127. | 127. | 127. | 63. | 27.82 | 57.93 | 1.53 |
| 043 New York City | 002 | H01 | 35 | 43. | 47. | 59. | 68. | 80. | 132. | 161. | 170. | 170. | 78. | 31.91 | 72.91 | 1.43 |
| | 003 | H01 | 32 | 34. | 43. | 51. | 67. | 84. | 115. | 145. | 173. | 173. | 75. | 32.42 | 69.61 | 1.50 |
| | 004 | H01 | 36 | 21. | 29. | 39. | 46. | 68. | 84. | 101. | 128. | 128. | 54. | 24.07 | 49.77 | 1.53 |
| | 005 | H01 | 31 | 27. | 36. | 50. | 59. | 83. | 110. | 128. | 142. | 142. | 69. | 29.57 | 63.23 | 1.53 |
| | 006 | H01 | 32 | 22. | 25. | 38. | 47. | 69. | 93. | 109. | 159. | 159. | 57. | 30.45 | 50.50 | 1.65 |
| | 007 | H01 | 23 | 34. | 38. | 44. | 52. | 78. | 99. | 100. | 124. | 124. | 63. | 24.33 | 58.90 | 1.45 |
| | 009 | H01 | 31 | 22. | 27. | 29. | 36. | 49. | 74. | 76. | 125. | 125. | 45. | 22.43 | 41.02 | 1.54 |
| | 010 | H01 | 27 | 40. | 42. | 58. | 73. | 86. | 110. | 115. | 162. | 162. | 75. | 28.65 | 70.75 | 1.44 |
| | 011 | H01 | 36 | 34. | 44. | 54. | 68. | 83. | 115. | 119. | 156. | 156. | 72. | 27.30 | 67.82 | 1.43 |
| | 014 | H01 | 17 | 51. | 64. | 76. | 87. | 107. | 138. | 164. | 164. | 164. | 93. | 28.85 | 89.39 | 1.34 |
| | 014 | P01 | 6 | 62. | 62. | 75. | 89. | 109. | 147. | 147. | 147. | 147. | 97. | 29.78 | 93.54 | 1.35 |
| | 015 | H01 | 35 | 19. | 27. | 34. | 44. | 62. | 77. | 84. | 129. | 129. | 50. | 23.09 | 45.01 | 1.56 |
| | 016 | H01 | 36 | 21. | 33. | 38. | 53. | 65. | 92. | 95. | 103. | 103. | 56. | 21.65 | 51.64 | 1.50 |
| | 017 | H01 | 33 | 39. | 49. | 64. | 75. | 89. | 110. | 137. | 161. | 161. | 79. | 26.50 | 74.78 | 1.38 |
| | 018 | H01 | 28 | 28. | 31. | 36. | 40. | 54. | 80. | 95. | 112. | 112. | 50. | 20.80 | 46.36 | 1.45 |
| | 019 | H01 | 18 | 36. | 36. | 48. | 58. | 63. | 75. | 76. | 76. | 76. | 56. | 12.77 | 54.78 | 1.27 |
| | 020 | H01 | 21 | 31. | 36. | 52. | 60. | 70. | 84. | 103. | 123. | 123. | 62. | 22.44 | 58.73 | 1.42 |
| | 021 | H01 | 37 | 32. | 36. | 44. | 52. | 69. | 91. | 94. | 108. | 108. | 58. | 19.46 | 55.32 | 1.38 |
| | 022 | H01 | 35 | 45. | 50. | 59. | 69. | 82. | 116. | 165. | 182. | 182. | 77. | 30.77 | 72.56 | 1.40 |
| | 029 | H01 | 36 | 27. | 33. | 53. | 58. | 70. | 88. | 133. | 136. | 136. | 62. | 24.08 | 57.90 | 1.45 |
| | 030 | H01 | 34 | 19. | 28. | 37. | 46. | 64. | 85. | 100. | 103. | 103. | 54. | 23.80 | 48.73 | 1.58 |
| | 031 | H01 | 36 | 38. | 45. | 57. | 62. | 79. | 113. | 120. | 136. | 136. | 72. | 24.59 | 68.15 | 1.38 |
| | 032 | H01 | 32 | 37. | 44. | 51. | 59. | 72. | 103. | 117. | 139. | 139. | 66. | 23.60 | 62.86 | 1.38 |
| | 033 | H01 | 31 | 33. | 44. | 59. | 66. | 81. | 104. | 139. | 239. | 239. | 76. | 38.74 | 69.60 | 1.50 |
| | 034 | H01 | 32 | 24. | 30. | 52. | 64. | 80. | 100. | 119. | 153. | 153. | 67. | 30.18 | 60.29 | 1.62 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

### 1973 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW YORK — Cont.** | | | | | | | | | | | | | | | | |
| | 035 | H01 | 30 | 25. | 34. | 47. | 65. | 78. | 99. | 138. | 142. | 142. | 69. | 28.55 | 63.77 | 1.52 |
| | 036 | H01 | 28 | 28. | 34. | 37. | 48. | 63. | 78. | 96. | 100. | 100. | 54. | 19.47 | 50.59 | 1.42 |
| | 037 | H01 | 19 | 34. | 34. | 44. | 50. | 78. | 102. | 115. | 115. | 115. | 63. | 25.45 | 58.00 | 1.49 |
| | 038 | H01 | 25 | 28. | 33. | 46. | 55. | 73. | 92. | 105. | 116. | 116. | 61. | 23.77 | 56.60 | 1.48 |
| | 039 | H01 | 34 | 26. | 28. | 39. | 51. | 73. | 94. | 129. | 155. | 155. | 60. | 30.23 | 53.62 | 1.61 |
| | 040 | H01 | 34 | 30. | 44. | 69. | 74. | 91. | 126. | 136. | 137. | 137. | 80. | 27.44 | 75.82 | 1.43 |
| | 041 | H01 | 35 | 31. | 37. | 45. | 58. | 71. | 91. | 101. | 158. | 158. | 62. | 25.34 | 57.92 | 1.44 |
| | 042 | H01 | 13 | 33. | 42. | 54. | 73. | 83. | 94. | 114. | 114. | 114. | 71. | 22.45 | 67.90 | 1.41 |
| | 044 | H01 | 9 | 28. | 28. | 35. | 56. | 62. | 91. | 91. | 91. | 91. | 55. | 22.52 | 51.04 | 1.54 |
| | 045 | H01 | 25 | 31. | 36. | 46. | 51. | 71. | 99. | 114. | 121. | 121. | 61. | 24.97 | 57.13 | 1.47 |
| | 046 | H01 | 45 | 33. | 36. | 45. | 55. | 66. | 82. | 90. | 117. | 117. | 57. | 18.43 | 54.50 | 1.36 |
| | 050 | F01 | 15 | 32. | 38. | 39. | 61. | 85. | 96. | 138. | 138. | 138. | 66. | 29.36 | 60.11 | 1.54 |
| | 057 | F01 | 14 | 43. | 43. | 53. | 64. | 73. | 111. | 111. | 111. | 111. | 69. | 24.18 | 65.45 | 1.41 |
| | 064 | H01 | 37 | 27. | 34. | 40. | 49. | 64. | 84. | 116. | 129. | 129. | 56. | 23.31 | 51.63 | 1.46 |
| 043 North Tarrytown | 001 | F01 | 11 | 27. | 30. | 39. | 41. | 60. | 109. | 140. | 140. | 140. | 60. | 35.96 | 52.40 | 1.70 |
| 043 Ossining | 001 | F01 | 10 | 35. | 35. | 41. | 53. | 68. | 82. | 107. | 107. | 107. | 61. | 22.27 | 57.99 | 1.43 |
| 043 Peekskill | 001 | F01 | 14 | 35. | 41. | 75. | 93. | 114. | 142. | 247. | 247. | 247. | 103. | 53.45 | 91.11 | 1.67 |
| 043 Port Chester | 001 | F01 | 8 | 30. | 30. | 41. | 46. | 56. | 115. | 115. | 115. | 115. | 55. | 26.74 | 50.74 | 1.52 |
| 043 Port Jefferson | 001 | F01 | 15 | 13. | 23. | 24. | 29. | 49. | 63. | 65. | 65. | 65. | 37. | 17.17 | 33.01 | 1.61 |
| | 002 | F01 | 12 | 33. | 34. | 40. | 44. | 54. | 75. | 76. | 76. | 76. | 49. | 14.31 | 47.36 | 1.31 |
| 043 Rockland Co | 001 | F01 | 12 | 20. | 22. | 30. | 38. | 58. | 77. | 92. | 92. | 92. | 46. | 23.38 | 40.88 | 1.67 |
| | 002 | F01 | 7 | 31. | 31. | 41. | 44. | 57. | 86. | 86. | 86. | 86. | 51. | 19.16 | 48.50 | 1.43 |
| 043 Rockville Centre | 001 | F01 | 15 | 36. | 37. | 59. | 65. | 82. | 106. | 160. | 160. | 160. | 72. | 32.17 | 66.55 | 1.51 |
| 043 Rye | 001 | F01 | 13 | 12. | 46. | 60. | 67. | 93. | 141. | 154. | 154. | 154. | 79. | 37.93 | 68.60 | 1.88 |
| 043 Southampton | 001 | F01 | 15 | 9. | 18. | 24. | 32. | 35. | 52. | 56. | 56. | 56. | 32. | 13.13 | 29.43 | 1.61 |
| 043 Suffern | 001 | F01 | 11 | 23. | 29. | 37. | 40. | 61. | 97. | 146. | 146. | 146. | 58. | 36.61 | 50.03 | 1.74 |
| 043 Suffolk Co | 001 | F01 | 14 | 17. | 26. | 33. | 38. | 52. | 65. | 84. | 84. | 84. | 44. | 17.75 | 41.11 | 1.51 |
| | 002 | F01 | 15 | 13. | 23. | 28. | 37. | 52. | 66. | 67. | 67. | 67. | 40. | 17.04 | 36.19 | 1.59 |
| | 011 | F01 | 13 | 12. | 13. | 26. | 33. | 39. | 42. | 46. | 46. | 46. | 31. | 10.75 | 28.80 | 1.54 |
| | 023 | F01 | 9 | 15. | 15. | 30. | 45. | 63. | 107. | 107. | 107. | 107. | 50. | 29.58 | 43.06 | 1.83 |
| 043 Westchester Co | 003 | F01 | 13 | 15. | 16. | 23. | 27. | 54. | 77. | 91. | 91. | 91. | 39. | 24.28 | 32.89 | 1.79 |
| | 004 | F01 | 9 | 18. | 18. | 24. | 33. | 49. | 87. | 87. | 87. | 87. | 41. | 21.79 | 36.85 | 1.66 |
| | 005 | F01 | 13 | 5. | 19. | 25. | 36. | 60. | 73. | 122. | 122. | 122. | 44. | 30.12 | 34.51 | 2.17 |
| | 006 | F01 | 12 | 38. | 41. | 50. | 62. | 121. | 159. | 172. | 172. | 172. | 89. | 48.22 | 77.88 | 1.72 |
| 043 West Haverstraw | 001 | F01 | 12 | 29. | 32. | 41. | 45. | 57. | 87. | 132. | 132. | 132. | 58. | 29.27 | 52.55 | 1.55 |
| 043 White Plains | 001 | F01 | 11 | 29. | 36. | 51. | 66. | 93. | 95. | 113. | 113. | 113. | 69. | 27.02 | 63.69 | 1.54 |
| 043 Yonkers | 001 | F01 | 14 | 29. | 29. | 54. | 63. | 73. | 112. | 177. | 177. | 177. | 72. | 38.40 | 63.90 | 1.64 |
| | 001 | F01 | 5 | 40. | 40. | 58. | 61. | 61. | 69. | 69. | 69. | 69. | 58. | 10.76 | 56.89 | 1.23 |
| 158 Auburn | 001 | F01 | 14 | 24. | 27. | 31. | 36. | 43. | 70. | 110. | 110. | 110. | 44. | 22.81 | 40.07 | 1.52 |
| | 002 | F01 | 14 | 19. | 22. | 24. | 31. | 33. | 35. | 70. | 70. | 70. | 32. | 12.30 | 29.90 | 1.37 |
| 158 Canastota | 001 | F01 | 15 | 13. | 17. | 20. | 27. | 39. | 40. | 69. | 69. | 69. | 30. | 14.22 | 27.79 | 1.55 |
| 158 Carthage | 001 | F01 | 12 | 8. | 18. | 26. | 31. | 41. | 45. | 56. | 56. | 56. | 33. | 13.27 | 29.81 | 1.69 |
| 158 Cortland | 001 | F01 | 14 | 28. | 34. | 37. | 40. | 44. | 60. | 103. | 103. | 103. | 46. | 18.61 | 43.04 | 1.38 |
| | 002 | F01 | 14 | 15. | 21. | 24. | 25. | 32. | 43. | 78. | 78. | 78. | 31. | 15.33 | 28.57 | 1.48 |
| 158 Cortland Co | 001 | F01 | 14 | 13. | 13. | 20. | 21. | 29. | 31. | 55. | 55. | 55. | 24. | 10.81 | 22.44 | 1.48 |
| 158 East Syracuse | 001 | F01 | 12 | 37. | 37. | 54. | 67. | 83. | 120. | 200. | 200. | 200. | 81. | 46.15 | 70.94 | 1.67 |
| 158 Fulton | 001 | F01 | 12 | 20. | 22. | 25. | 30. | 36. | 47. | 63. | 63. | 63. | 33. | 12.51 | 31.41 | 1.41 |
| 158 Hamilton | 001 | F01 | 11 | 12. | 13. | 16. | 20. | 22. | 29. | 50. | 50. | 50. | 22. | 10.58 | 19.94 | 1.49 |
| 158 Herkimer | 002 | F01 | 11 | 34. | 34. | 39. | 40. | 52. | 58. | 99. | 99. | 99. | 48. | 18.76 | 45.83 | 1.37 |
| 158 Jefferson Co | 001 | F02 | 5 | 10. | 10. | 14. | 19. | 26. | 38. | 38. | 38. | 38. | 21. | 11.04 | 19.23 | 1.68 |
| 158 Little Falls | 001 | F01 | 13 | 25. | 37. | 37. | 46. | 58. | 76. | 95. | 95. | 95. | 51. | 18.82 | 48.12 | 1.42 |
| 158 Lowville | 001 | F01 | 13 | 9. | 19. | 28. | 35. | 49. | 60. | 98. | 98. | 98. | 40. | 22.15 | 35.14 | 1.79 |
| 158 Mohawk | 001 | F01 | 10 | 17. | 17. | 23. | 34. | 40. | 45. | 100. | 100. | 100. | 40. | 23.41 | 35.04 | 1.65 |
| 158 Oneida | 002 | F01 | 14 | 11. | 20. | 36. | 38. | 48. | 67. | 93. | 93. | 93. | 43. | 19.67 | 38.91 | 1.66 |
| 158 Oneida Co | 003 | F01 | 13 | 12. | 15. | 19. | 22. | 29. | 53. | 57. | 57. | 57. | 27. | 13.82 | 24.30 | 1.58 |
| 158 Onondaga Co | 001 | F01 | 10 | 19. | 19. | 25. | 29. | 42. | 55. | 82. | 82. | 82. | 39. | 19.21 | 35.73 | 1.57 |
| | 002 | F01 | 14 | 35. | 50. | 64. | 73. | 120. | 157. | 267. | 267. | 267. | 103. | 60.96 | 89.13 | 1.73 |
| | 003 | F01 | 12 | 26. | 30. | 38. | 42. | 49. | 69. | 137. | 137. | 137. | 52. | 29.86 | 46.74 | 1.57 |
| | 004 | F01 | 13 | 21. | 34. | 40. | 44. | 83. | 124. | 159. | 159. | 159. | 65. | 42.53 | 54.91 | 1.81 |
| | 006 | F01 | 14 | 31. | 32. | 42. | 46. | 57. | 82. | 104. | 104. | 104. | 54. | 21.07 | 50.74 | 1.43 |
| | 007 | F01 | 11 | 37. | 39. | 42. | 56. | 62. | 72. | 79. | 79. | 79. | 55. | 14.46 | 53.53 | 1.31 |
| | 008 | F01 | 11 | 31. | 32. | 43. | 50. | 61. | 92. | 144. | 144. | 144. | 59. | 32.88 | 53.50 | 1.58 |
| | 010 | F01 | 14 | 35. | 41. | 49. | 61. | 75. | 81. | 134. | 134. | 134. | 65. | 24.90 | 60.87 | 1.42 |
| | 012 | F01 | 14 | 17. | 29. | 31. | 40. | 59. | 61. | 127. | 127. | 127. | 48. | 27.06 | 42.66 | 1.64 |
| 158 Oswego | 001 | F01 | 11 | 18. | 23. | 33. | 46. | 50. | 58. | 79. | 79. | 79. | 43. | 17.94 | 39.75 | 1.56 |
| | 002 | F01 | 14 | 16. | 17. | 21. | 26. | 28. | 38. | 59. | 59. | 59. | 28. | 11.26 | 26.00 | 1.43 |
| 158 Rome | 001 | F01 | 14 | 27. | 30. | 35. | 42. | 61. | 95. | 103. | 103. | 103. | 55. | 25.44 | 50.02 | 1.56 |
| 158 Solvay | 001 | F01 | 14 | 32. | 36. | 49. | 53. | 67. | 94. | 100. | 100. | 100. | 61. | 20.88 | 57.23 | 1.42 |
| 158 Syracuse | 001 | F01 | 15 | 47. | 54. | 72. | 93. | 133. | 178. | 179. | 179. | 179. | 102. | 44.06 | 93.37 | 1.54 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW YORK — Cont.** | | | | | | | | | | | | | | | | |
| | 001 | P01 | 6 | 56. | 56. | 79. | 87. | 132. | 140. | 140. | 140. | 140. | 99. | 32.15 | 94.64 | 1.41 |
| | 002 | F01 | 14 | 34. | 38. | 46. | 50. | 56. | 80. | 85. | 85. | 85. | 56. | 17.21 | 53.19 | 1.35 |
| | 003 | F01 | 11 | 34. | 76. | 85. | 90. | 112. | 204. | 211. | 211. | 211. | 109. | 53.54 | 98.33 | 1.64 |
| | 005 | F01 | 10 | 31. | 31. | 50. | 73. | 92. | 95. | 129. | 129. | 129. | 74. | 29.80 | 67.98 | 1.55 |
| | 008 | F01 | 11 | 29. | 38. | 50. | 54. | 60. | 76. | 129. | 129. | 129. | 60. | 26.34 | 55.77 | 1.47 |
| | 009 | F01 | 11 | 41. | 44. | 53. | 65. | 70. | 106. | 120. | 120. | 120. | 68. | 25.15 | 64.76 | 1.41 |
| | 011 | F01 | 11 | 56. | 60. | 67. | 75. | 111. | 135. | 192. | 192. | 192. | 94. | 42.15 | 87.09 | 1.49 |
| | 013 | F01 | 10 | 42. | 42. | 45. | 50. | 64. | 106. | 126. | 126. | 126. | 65. | 28.71 | 60.21 | 1.46 |
| 158 Utica | 001 | F01 | 8 | 27. | 27. | 42. | 54. | 82. | 160. | 160. | 160. | 160. | 70. | 43.77 | 59.49 | 1.80 |
| | 001 | P01 | 6 | 69. | 69. | 73. | 73. | 144. | 200. | 200. | 200. | 200. | 110. | 52.39 | 101.46 | 1.55 |
| | 004 | F01 | 13 | 20. | 21. | 24. | 30. | 44. | 50. | 101. | 101. | 101. | 37. | 21.99 | 33.34 | 1.60 |
| | 006 | F01 | 13 | 29. | 36. | 42. | 58. | 82. | 101. | 185. | 185. | 185. | 68. | 41.28 | 59.78 | 1.65 |
| 158 Watertown | 002 | F01 | 13 | 11. | 29. | 32. | 38. | 44. | 66. | 87. | 87. | 87. | 43. | 19.81 | 38.32 | 1.66 |
| 158 Whitesboro | 001 | F01 | 7 | 37. | 37. | 49. | 64. | 104. | 172. | 172. | 172. | 172. | 89. | 55.41 | 75.63 | 1.86 |
| 159 Clinton Co | 001 | F01 | 12 | 25. | 32. | 35. | 54. | 70. | 89. | 113. | 113. | 113. | 57. | 25.71 | 52.18 | 1.57 |
| 159 Essex Co | 001 | F01 | 12 | 12. | 14. | 19. | 24. | 33. | 40. | 44. | 44. | 44. | 27. | 10.51 | 24.75 | 1.53 |
| | 003 | F01 | 11 | 8. | 8. | 9. | 12. | 13. | 18. | 24. | 24. | 24. | 12. | 4.97 | 11.71 | 1.43 |
| 159 Glens Falls | 001 | F01 | 13 | 34. | 37. | 54. | 62. | 70. | 116. | 133. | 133. | 133. | 68. | 28.86 | 62.97 | 1.48 |
| | 003 | F01 | 13 | 29. | 32. | 34. | 54. | 89. | 95. | 145. | 145. | 145. | 65. | 34.34 | 57.44 | 1.68 |
| 159 Hamilton Co | 001 | F01 | 10 | 8. | 8. | 12. | 14. | 16. | 24. | 28. | 28. | 28. | 16. | 6.42 | 14.99 | 1.49 |
| 159 Hudson Falls | 001 | F01 | 13 | 26. | 30. | 37. | 49. | 52. | 63. | 95. | 95. | 95. | 47. | 17.76 | 44.81 | 1.40 |
| 159 Lake Placid | 001 | F01 | 12 | 13. | 14. | 23. | 24. | 37. | 55. | 60. | 60. | 60. | 31. | 15.85 | 27.52 | 1.67 |
| 159 Malone | 001 | F01 | 12 | 13. | 13. | 17. | 23. | 44. | 92. | 185. | 185. | 185. | 44. | 49.65 | 30.58 | 2.27 |
| 159 Massena | 002 | F01 | 15 | 11. | 12. | 18. | 23. | 34. | 63. | 68. | 68. | 68. | 30. | 19.19 | 25.50 | 1.84 |
| 159 Ogdensburg | 001 | F01 | 12 | 24. | 24. | 32. | 34. | 46. | 52. | 88. | 88. | 88. | 40. | 17.56 | 37.34 | 1.44 |
| 159 Plattsburgh | 002 | F01 | 10 | 19. | 19. | 26. | 33. | 46. | 57. | 64. | 64. | 64. | 38. | 15.91 | 35.13 | 1.54 |
| 159 Saranac Lake | 001 | F01 | 13 | 10. | 14. | 17. | 24. | 28. | 36. | 45. | 45. | 45. | 24. | 10.01 | 22.49 | 1.53 |
| 159 Ticonderoga | 002 | F01 | 13 | 16. | 17. | 23. | 33. | 44. | 51. | 51. | 51. | 51. | 32. | 12.37 | 30.17 | 1.49 |
| 159 Tupper Lake | 001 | F01 | 13 | 13. | 14. | 17. | 24. | 27. | 33. | 51. | 51. | 51. | 24. | 10.22 | 22.54 | 1.47 |
| 160 Albion | 001 | F01 | 9 | 17. | 17. | 22. | 25. | 28. | 33. | 33. | 33. | 33. | 25. | 5.60 | 24.55 | 1.26 |
| 160 Attica | 001 | F01 | 13 | 15. | 16. | 19. | 23. | 27. | 48. | 51. | 51. | 51. | 26. | 11.18 | 24.41 | 1.45 |
| 160 Batavia | 001 | F01 | 14 | 22. | 23. | 27. | 31. | 39. | 61. | 73. | 73. | 73. | 36. | 15.03 | 34.08 | 1.44 |
| 160 Brighton | 001 | F01 | 15 | 30. | 31. | 36. | 46. | 49. | 63. | 117. | 117. | 117. | 48. | 21.76 | 45.14 | 1.43 |
| 160 Canandaigua | 001 | F01 | 5 | 20. | 20. | 32. | 36. | 38. | 44. | 44. | 44. | 44. | 34. | 8.94 | 32.90 | 1.35 |
| 160 Geneseo | 001 | F01 | 14 | 13. | 13. | 22. | 25. | 28. | 31. | 72. | 72. | 72. | 27. | 14.17 | 24.86 | 1.52 |
| 160 Geneva | 001 | F01 | 12 | 35. | 37. | 39. | 49. | 63. | 68. | 70. | 70. | 70. | 52. | 13.22 | 50.34 | 1.30 |
| 160 Greece | 001 | F01 | 15 | 24. | 32. | 38. | 40. | 49. | 56. | 91. | 91. | 91. | 45. | 15.41 | 43.12 | 1.36 |
| 160 Irondequoit | 001 | F01 | 15 | 23. | 28. | 34. | 38. | 45. | 51. | 96. | 96. | 96. | 42. | 16.84 | 39.53 | 1.39 |
| 160 Medina | 001 | F01 | 13 | 14. | 17. | 22. | 26. | 41. | 45. | 75. | 75. | 75. | 32. | 16.34 | 29.33 | 1.58 |
| 160 Monroe Co | 001 | F01 | 14 | 32. | 35. | 40. | 45. | 51. | 61. | 107. | 107. | 107. | 50. | 18.64 | 47.15 | 1.35 |
| | 002 | F01 | 15 | 17. | 21. | 28. | 33. | 37. | 44. | 75. | 75. | 75. | 34. | 13.49 | 31.90 | 1.41 |
| | 003 | F01 | 15 | 14. | 16. | 22. | 28. | 29. | 38. | 53. | 53. | 53. | 27. | 9.61 | 25.78 | 1.40 |
| | 004 | F01 | 15 | 20. | 21. | 27. | 29. | 38. | 55. | 94. | 94. | 94. | 37. | 18.70 | 34.31 | 1.50 |
| 160 Newark | 001 | F01 | 10 | 34. | 34. | 40. | 44. | 45. | 55. | 93. | 93. | 93. | 48. | 16.87 | 46.06 | 1.33 |
| 160 Penn Yan | 001 | F01 | 8 | 24. | 24. | 28. | 29. | 39. | 82. | 82. | 82. | 82. | 41. | 20.83 | 37.28 | 1.56 |
| 160 Rochester | 001 | F01 | 14 | 34. | 40. | 46. | 53. | 80. | 95. | 175. | 175. | 175. | 68. | 36.48 | 61.02 | 1.55 |
| | 001 | P01 | 8 | 40. | 40. | 54. | 63. | 69. | 87. | 87. | 87. | 87. | 62. | 15.58 | 59.95 | 1.30 |
| | 002 | F01 | 14 | 24. | 29. | 41. | 46. | 54. | 66. | 112. | 112. | 112. | 50. | 21.28 | 47.00 | 1.46 |
| | 003 | F01 | 14 | 28. | 33. | 47. | 50. | 57. | 87. | 132. | 132. | 132. | 57. | 26.31 | 52.86 | 1.48 |
| | 004 | F01 | 15 | 23. | 27. | 31. | 40. | 43. | 49. | 85. | 85. | 85. | 40. | 14.71 | 37.84 | 1.37 |
| | 005 | F01 | 15 | 31. | 32. | 40. | 45. | 49. | 57. | 121. | 121. | 121. | 49. | 21.35 | 45.97 | 1.38 |
| | 007 | F01 | 15 | 31. | 32. | 40. | 50. | 54. | 82. | 132. | 132. | 132. | 55. | 25.08 | 50.91 | 1.45 |
| | 008 | F01 | 15 | 38. | 40. | 43. | 50. | 56. | 76. | 129. | 129. | 129. | 55. | 22.76 | 52.53 | 1.37 |
| | 010 | F01 | 14 | 17. | 22. | 25. | 26. | 35. | 39. | 67. | 67. | 67. | 32. | 12.04 | 30.32 | 1.39 |
| | 011 | F01 | 13 | 40. | 40. | 44. | 53. | 59. | 75. | 117. | 117. | 117. | 57. | 20.74 | 54.77 | 1.35 |
| 160 Seneca Falls | 001 | F01 | 14 | 28. | 28. | 40. | 44. | 64. | 70. | 131. | 131. | 131. | 54. | 26.64 | 48.91 | 1.52 |
| 160 Warsaw | 001 | F01 | 13 | 20. | 23. | 28. | 30. | 53. | 85. | 90. | 90. | 90. | 43. | 25.07 | 37.97 | 1.67 |
| 160 Webster | 002 | F01 | 14 | 28. | 29. | 32. | 36. | 40. | 47. | 81. | 81. | 81. | 39. | 13.41 | 37.89 | 1.32 |
| 160 Wyoming Co | 001 | F01 | 13 | 18. | 19. | 20. | 25. | 36. | 48. | 82. | 82. | 82. | 31. | 17.59 | 28.31 | 1.55 |
| 161 Albany | 001 | F01 | 13 | 37. | 44. | 55. | 63. | 72. | 112. | 112. | 112. | 112. | 67. | 23.16 | 63.44 | 1.39 |
| | 001 | P01 | 8 | 37. | 37. | 56. | 56. | 66. | 111. | 111. | 111. | 111. | 64. | 23.86 | 60.29 | 1.43 |
| | 002 | F01 | 4 | 72. | 72. | 108. | 108. | 158. | 160. | 160. | 160. | 160. | | | | |
| | 003 | F01 | 12 | 47. | 54. | 61. | 96. | 111. | 154. | 158. | 158. | 158. | 95. | 39.07 | 87.98 | 1.53 |
| | 004 | F01 | 12 | 56. | 74. | 96. | 105. | 126. | 179. | 206. | 206. | 206. | 117. | 42.69 | 110.41 | 1.44 |
| | 005 | F01 | 12 | 46. | 46. | 70. | 86. | 97. | 164. | 168. | 168. | 168. | 93. | 40.19 | 85.82 | 1.53 |
| 161 Amsterdam | 001 | F01 | 12 | 32. | 32. | 49. | 51. | 63. | 93. | 154. | 154. | 154. | 63. | 33.32 | 57.30 | 1.55 |
| 161 Catskill | 001 | F01 | 12 | 18. | 21. | 30. | 38. | 56. | 58. | 77. | 77. | 77. | 42. | 17.52 | 38.58 | 1.55 |
| 161 Coeymans | 001 | F01 | 11 | 17. | 29. | 35. | 43. | 60. | 83. | 103. | 103. | 103. | 51. | 26.20 | 44.82 | 1.69 |
| | 002 | F01 | 11 | 29. | 32. | 39. | 41. | 49. | 96. | 122. | 122. | 122. | 55. | 29.76 | 49.48 | 1.59 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 Raw Samples

| | Site location | Site No. | Agcy proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW YORK—Cont.** | | | | | | | | | | | | | | | | | |
| 161 | Cohoes | 001 | F01 | 8 | 35. | 38. | 41. | 46. | 89. | 119. | 119. | 119. | 119. | 67. | 28.93 | 60.92 | 1.44 |
| 161 | Colonie | 002 | F01 | 14 | 34. | 37. | 47. | 49. | 65. | 102. | 130. | 130. | 130. | 68. | 28.77 | 57.71 | 1.80 |
| 161 | Columbia Co | 001 | F01 | 13 | 19. | 25. | 25. | 36. | 44. | 58. | 62. | 62. | 62. | 37. | 13.54 | 34.80 | 1.46 |
| | | 002 | F01 | 13 | 31. | 38. | 46. | 48. | 54. | 65. | 82. | 82. | 82. | 46. | 13.57 | 44.70 | 1.29 |
| 161 | Dutchess Co | 001 | F01 | 14 | 20. | 25. | 28. | 28. | 35. | 52. | 62. | 62. | 62. | 33. | 13.81 | 30.47 | 1.45 |
| | | 002 | F01 | 14 | 34. | 37. | 37. | 38. | 52. | 70. | 73. | 73. | 73. | 46. | 16.14 | 43.60 | 1.48 |
| | | 003 | F01 | 12 | 30. | 36. | 36. | 38. | 56. | 95. | 110. | 110. | 110. | 44. | 27.48 | 40.47 | 1.44 |
| 161 | Ellenville | 001 | F01 | 14 | 9. | 14. | 26. | 31. | 39. | 51. | 64. | 64. | 64. | 34. | 15.08 | 30.32 | 1.47 |
| 161 | Gloversville | 001 | F01 | 9 | 25. | 25. | 30. | 33. | 44. | 84. | 86. | 86. | 86. | 41. | 18.43 | 38.20 | 1.46 |
| 161 | Greene Co | 001 | F01 | 12 | 38. | 65. | 93. | 99. | 115. | 171. | 181. | 181. | 181. | 107. | 36.50 | 101.95 | 1.39 |
| 161 | Hoosick Falls | 001 | F01 | 12 | 25. | 40. | 53. | 64. | 73. | 134. | 138. | 138. | 138. | 74. | 26.66 | 66.31 | 1.61 |
| 161 | Hudson | 001 | F01 | 13 | 36. | 37. | 41. | 47. | 60. | 76. | 97. | 97. | 97. | 52. | 18.63 | 49.51 | 1.41 |
| 161 | Johnstown | 001 | F01 | 8 | 19. | 19. | 23. | 36. | 41. | 121. | 121. | 121. | 121. | 45. | 33.78 | 37.46 | 1.85 |
| 161 | Kingston | 001 | F01 | 9 | 35. | 35. | 45. | 54. | 67. | 77. | 77. | 77. | 77. | 55. | 14.54 | 52.80 | 1.31 |
| | | 002 | F01 | 15 | 13. | 32. | 39. | 72. | 100. | 123. | 145. | 145. | 145. | 79. | 36.28 | 68.44 | 1.84 |
| | | 003 | F01 | 14 | 22. | 22. | 34. | 37. | 73. | 86. | 94. | 94. | 94. | 51. | 25.09 | 45.45 | 1.46 |
| 161 | Newburgh | 001 | F01 | 13 | 47. | 50. | 58. | 73. | 96. | 125. | 165. | 165. | 165. | 82. | 34.56 | 76.38 | 1.46 |
| 161 | New Paltz | 001 | F01 | 13 | 32. | 39. | 43. | 60. | 71. | 77. | 101. | 101. | 101. | 61. | 19.71 | 58.88 | 1.40 |
| 161 | Orange Co | 001 | F01 | 11 | 51. | 58. | 65. | 95. | 110. | 136. | 256. | 256. | 256. | 102. | 57.44 | 91.22 | 1.59 |
| 161 | Poughkeepsie | 002 | F01 | 14 | 40. | 43. | 53. | 67. | 85. | 122. | 123. | 123. | 123. | 74. | 28.14 | 69.40 | 1.46 |
| 161 | Putnam Co | 001 | F01 | 11 | 21. | 22. | 35. | 41. | 69. | 79. | 91. | 91. | 91. | 53. | 34.37 | 47.24 | 1.68 |
| | | 002 | F01 | 7 | 17. | 17. | 24. | 30. | 39. | 116. | 116. | 116. | 116. | 41. | 34.19 | 33.83 | 1.88 |
| 161 | Rensselaer | 001 | F01 | 12 | 29. | 42. | 47. | 62. | 78. | 102. | 102. | 102. | 102. | 66. | 22.91 | 62.37 | 1.42 |
| 161 | Rensselaer Co | 003 | F01 | 12 | 29. | 38. | 43. | 62. | 69. | 94. | 96. | 96. | 96. | 59. | 21.89 | 55.11 | 1.48 |
| | | 011 | F01 | 12 | 16. | 18. | 23. | 27. | 32. | 44. | 66. | 66. | 66. | 31. | 13.70 | 28.40 | 1.49 |
| | | 021 | F01 | 12 | 29. | 31. | 32. | 35. | 54. | 77. | 82. | 82. | 82. | 47. | 19.29 | 43.46 | 1.47 |
| 161 | Saratoga Springs | 003 | F01 | 11 | 24. | 31. | 42. | 49. | 58. | 68. | 84. | 84. | 84. | 50. | 17.81 | 47.29 | 1.45 |
| 161 | Saugerties | 001 | F01 | 13 | 26. | 37. | 44. | 54. | 76. | 113. | 116. | 116. | 116. | 65. | 29.89 | 59.44 | 1.57 |
| 161 | Schenectady | 001 | F01 | 15 | 40. | 43. | 54. | 61. | 84. | 124. | 187. | 187. | 187. | 76. | 38.59 | 68.83 | 1.52 |
| | | 002 | F01 | 13 | 27. | 32. | 33. | 44. | 65. | 87. | 123. | 123. | 123. | 55. | 28.40 | 49.75 | 1.59 |
| 161 | Schenectady Co | 001 | F01 | 10 | 13. | 13. | 22. | 26. | 28. | 34. | 61. | 61. | 61. | 29. | 13.24 | 26.45 | 1.52 |
| | | 011 | F01 | 12 | 32. | 40. | 47. | 50. | 66. | 67. | 104. | 104. | 104. | 56. | 18.55 | 53.27 | 1.35 |
| 161 | Schoharie Co | 002 | F01 | 8 | 11. | 11. | 20. | 20. | 41. | 60. | 60. | 60. | 60. | 29. | 17.10 | 25.22 | 1.79 |
| 161 | Troy | 002 | F01 | 14 | 31. | 36. | 47. | 49. | 52. | 64. | 74. | 74. | 74. | 50. | 11.73 | 48.71 | 1.27 |
| 161 | Ulster Co | 001 | F01 | 13 | 9. | 14. | 21. | 26. | 38. | 46. | 47. | 47. | 47. | 29. | 11.85 | 26.04 | 1.62 |
| 162 | Akron | 001 | F01 | 15 | 14. | 15. | 32. | 34. | 35. | 58. | 94. | 94. | 94. | 36. | 18.91 | 32.78 | 1.58 |
| 162 | Amherst | 001 | F01 | 15 | 17. | 22. | 33. | 39. | 47. | 76. | 94. | 94. | 94. | 42. | 20.00 | 38.76 | 1.55 |
| | | 002 | F01 | 15 | 33. | 34. | 40. | 59. | 73. | 97. | 153. | 153. | 153. | 63. | 31.28 | 57.80 | 1.54 |
| 162 | Blasdell | 001 | F01 | 14 | 29. | 31. | 34. | 49. | 63. | 75. | 101. | 101. | 101. | 53. | 21.48 | 49.50 | 1.49 |
| 162 | Buffalo | 001 | F01 | 15 | 36. | 40. | 41. | 48. | 50. | 66. | 102. | 102. | 102. | 50. | 16.10 | 48.67 | 1.29 |
| | | 001 | F01 | 8 | 40. | 40. | 47. | 53. | 60. | 68. | 68. | 68. | 68. | 53. | 10.09 | 52.01 | 1.22 |
| | | 002 | F01 | 10 | 21. | 21. | 40. | 42. | 46. | 51. | 66. | 66. | 66. | 44. | 11.25 | 42.03 | 1.34 |
| | | 003 | F01 | 14 | 35. | 46. | 69. | 71. | 108. | 142. | 183. | 183. | 183. | 90. | 41.39 | 81.74 | 1.59 |
| | | 005 | F01 | 15 | 26. | 26. | 50. | 52. | 56. | 104. | 132. | 132. | 132. | 59. | 27.93 | 53.98 | 1.55 |
| | | 006 | F01 | 14 | 28. | 41. | 53. | 62. | 69. | 97. | 129. | 129. | 129. | 67. | 25.14 | 62.50 | 1.46 |
| | | 007 | F01 | 84 | 27. | 38. | 51. | 67. | 85. | 120. | 129. | 189. | 189. | 74. | 32.91 | 67.44 | 1.55 |
| | | 009 | F01 | 13 | 40. | 40. | 51. | 56. | 71. | 89. | 116. | 116. | 116. | 62. | 20.41 | 59.01 | 1.35 |
| | | 010 | G05 | 14 | 43. | 51. | 71. | 76. | 121. | 156. | 236. | 236. | 236. | 101. | 52.78 | 90.17 | 1.62 |
| | | 012 | G05 | 15 | 47. | 53. | 62. | 73. | 79. | 98. | 116. | 116. | 116. | 74. | 18.02 | 71.72 | 1.27 |
| | | 013 | F01 | 15 | 26. | 34. | 49. | 54. | 64. | 77. | 98. | 98. | 98. | 57. | 17.61 | 54.60 | 1.38 |
| 162 | Cheektowaga | 001 | F01 | 15 | 22. | 30. | 42. | 51. | 55. | 103. | 129. | 129. | 129. | 56. | 26.97 | 51.60 | 1.52 |
| 162 | Depew | 001 | F01 | 15 | 16. | 30. | 34. | 36. | 40. | 51. | 92. | 92. | 92. | 40. | 16.64 | 37.88 | 1.44 |
| 162 | Erie Co | 001 | F01 | 15 | 19. | 22. | 27. | 36. | 44. | 67. | 70. | 70. | 70. | 39. | 15.72 | 36.21 | 1.49 |
| | | 003 | F01 | 14 | 17. | 20. | 25. | 27. | 32. | 46. | 59. | 59. | 59. | 31. | 11.25 | 28.95 | 1.40 |
| | | 004 | F01 | 15 | 13. | 22. | 26. | 28. | 33. | 39. | 66. | 66. | 66. | 31. | 11.63 | 29.29 | 1.41 |
| | | 011 | F01 | 14 | 13. | 16. | 24. | 28. | 37. | 45. | 63. | 63. | 63. | 32. | 12.93 | 29.35 | 1.51 |
| 162 | Kenmore | 001 | F01 | 13 | 41. | 48. | 53. | 59. | 71. | 94. | 104. | 104. | 104. | 63. | 18.32 | 60.86 | 1.31 |
| 162 | Lackawanna | 001 | F01 | 88 | 38. | 66. | 87. | 113. | 147. | 217. | 243. | 340. | 340. | 130. | 63.48 | 115.64 | 1.62 |
| | | 002 | F01 | 15 | 37. | 45. | 52. | 72. | 99. | 118. | 155. | 155. | 155. | 79. | 35.57 | 71.25 | 1.61 |
| | | 004 | G05 | 52 | 47. | 84. | 107. | 154. | 196. | 316. | 345. | 357. | 357. | 172. | 84.66 | 152.75 | 1.64 |
| 162 | Lancaster | 001 | F01 | 14 | 13. | 25. | 28. | 30. | 34. | 72. | 74. | 74. | 74. | 37. | 17.64 | 33.25 | 1.56 |
| 162 | Lewiston | 001 | F01 | 15 | 27. | 28. | 33. | 40. | 45. | 83. | 97. | 97. | 97. | 45. | 19.91 | 41.73 | 1.44 |
| | | 002 | F01 | 15 | 20. | 24. | 35. | 43. | 47. | 64. | 110. | 110. | 110. | 45. | 21.34 | 41.16 | 1.51 |
| 162 | Lockport | 001 | F01 | 14 | 23. | 23. | 32. | 35. | 44. | 60. | 78. | 78. | 78. | 39. | 15.05 | 37.02 | 1.42 |
| | | 002 | F01 | 15 | 19. | 25. | 29. | 33. | 40. | 44. | 70. | 70. | 70. | 35. | 11.90 | 33.83 | 1.36 |
| | | 005 | F01 | 14 | 20. | 24. | 33. | 42. | 46. | 70. | 93. | 93. | 93. | 44. | 20.06 | 40.15 | 1.54 |
| | | 006 | F01 | 15 | 17. | 19. | 27. | 33. | 38. | 44. | 73. | 73. | 73. | 35. | 13.32 | 32.68 | 1.43 |
| | | 008 | F01 | 15 | 25. | 25. | 30. | 37. | 39. | 69. | 82. | 82. | 82. | 40. | 16.11 | 37.64 | 1.41 |
| | | 009 | F01 | 14 | 22. | 28. | 37. | 47. | 62. | 106. | 112. | 112. | 112. | 56. | 29.49 | 49.77 | 1.67 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW YORK — Cont.** | | | | | | | | | | | | | | | | |
| | 010 | F01 | 14 | 24. | 27. | 37. | 37. | 43. | 75. | 86. | 86. | 86. | 46. | 19.22 | 43.06 | 1.47 |
| 162 Niagara Co | 001 | F01 | 15 | 22. | 23. | 29. | 38. | 40. | 48. | 78. | 78. | 78. | 37. | 13.78 | 35.35 | 1.38 |
| | 002 | F01 | 15 | 22. | 23. | 31. | 35. | 38. | 52. | 84. | 84. | 84. | 38. | 15.27 | 35.61 | 1.41 |
| | 004 | F01 | 4 | 19. | 19. | 22. | 22. | 23. | 26. | 26. | 26. | 26. | | | | |
| 162 Niagara | 001 | F01 | 15 | 20. | 22. | 39. | 45. | 63. | 82. | 116. | 116. | 116. | 53. | 24.98 | 47.53 | 1.61 |
| 162 Niagara Falls | 001 | F01 | 15 | 38. | 39. | 44. | 53. | 67. | 100. | 101. | 101. | 101. | 61. | 22.52 | 57.31 | 1.41 |
| | 001 | P01 | 8 | 40. | 40. | 50. | 62. | 75. | 102. | 102. | 102. | 102. | 67. | 22.98 | 63.59 | 1.42 |
| | 003 | F01 | 14 | 47. | 47. | 55. | 66. | 82. | 135. | 174. | 174. | 174. | 79. | 37.00 | 72.85 | 1.50 |
| | 006 | F01 | 15 | 48. | 52. | 62. | 78. | 109. | 134. | 149. | 149. | 149. | 86. | 31.01 | 81.41 | 1.42 |
| | 007 | F01 | 15 | 52. | 68. | 75. | 89. | 137. | 167. | 211. | 211. | 211. | 110. | 47.95 | 100.69 | 1.52 |
| | 009 | F01 | 15 | 43. | 44. | 56. | 78. | 82. | 130. | 148. | 148. | 148. | 79. | 32.76 | 73.78 | 1.48 |
| 162 North Tonawanda | 001 | F01 | 15 | 26. | 31. | 39. | 48. | 55. | 72. | 85. | 85. | 85. | 49. | 15.67 | 46.63 | 1.37 |
| | 002 | F01 | 14 | 20. | 20. | 34. | 36. | 38. | 61. | 72. | 72. | 72. | 38. | 14.31 | 35.53 | 1.44 |
| | 005 | F01 | 15 | 24. | 38. | 43. | 47. | 50. | 85. | 98. | 98. | 98. | 50. | 18.38 | 47.43 | 1.39 |
| 162 Sloan | 001 | F01 | 13 | 26. | 34. | 41. | 46. | 51. | 63. | 107. | 107. | 107. | 50. | 19.70 | 47.48 | 1.40 |
| 162 Tonawanda | 002 | F01 | 15 | 33. | 39. | 50. | 56. | 89. | 112. | 405. | 405. | 405. | 91. | 90.49 | 72.01 | 1.83 |
| | 003 | F01 | 14 | 22. | 34. | 35. | 39. | 46. | 63. | 69. | 69. | 69. | 43. | 12.29 | 40.92 | 1.33 |
| | 008 | G05 | 12 | 35. | 61. | 73. | 74. | 81. | 144. | 170. | 170. | 170. | 85. | 36.30 | 79.48 | 1.48 |
| 162 West Seneca | 001 | F01 | 15 | 15. | 27. | 32. | 39. | 47. | 53. | 107. | 107. | 107. | 42. | 20.76 | 38.34 | 1.54 |
| | 002 | F01 | 14 | 18. | 32. | 39. | 44. | 70. | 105. | 136. | 136. | 136. | 59. | 32.08 | 51.75 | 1.70 |
| 162 Wheatfield | 001 | F01 | 15 | 23. | 28. | 33. | 37. | 47. | 57. | 82. | 82. | 82. | 42. | 15.05 | 39.91 | 1.39 |
| 163 Binghamton | 003 | F01 | 12 | 12. | 24. | 34. | 44. | 48. | 78. | 87. | 87. | 87. | 46. | 21.14 | 40.60 | 1.70 |
| | 008 | F01 | 12 | 31. | 36. | 38. | 54. | 74. | 107. | 112. | 112. | 112. | 62. | 27.95 | 56.30 | 1.56 |
| 163 Broome Co | 002 | F01 | 13 | 15. | 17. | 22. | 31. | 34. | 62. | 73. | 73. | 73. | 33. | 16.93 | 29.37 | 1.57 |
| 163 Chenango Co | 001 | F01 | 14 | 16. | 18. | 23. | 29. | 33. | 55. | 65. | 65. | 65. | 32. | 14.25 | 29.31 | 1.52 |
| 163 Cooperstown | 001 | F01 | 9 | 20. | 20. | 28. | 31. | 37. | 52. | 52. | 52. | 52. | 32. | 9.53 | 31.15 | 1.33 |
| 163 Delhi | 002 | F01 | 14 | 19. | 28. | 39. | 33. | 63. | 75. | 90. | 90. | 90. | 52. | 20.20 | 47.97 | 1.55 |
| 163 Endicott | 002 | F01 | 13 | 25. | 26. | 31. | 33. | 51. | 93. | 114. | 114. | 114. | 45. | 27.47 | 48.17 | 1.61 |
| | 003 | F01 | 15 | 23. | 27. | 30. | 32. | 38. | 54. | 56. | 56. | 56. | 37. | 11.07 | 35.53 | 1.33 |
| 163 Johnson City | 002 | F01 | 12 | 25. | 26. | 43. | 46. | 65. | 69. | 94. | 94. | 94. | 51. | 19.47 | 47.97 | 1.47 |
| 163 Norwich | 001 | F01 | 8 | 16. | 16. | 22. | 23. | 31. | 56. | 56. | 56. | 56. | 31. | 14.78 | 27.99 | 1.55 |
| 163 Olean | 001 | F01 | 10 | 16. | 16. | 21. | 23. | 24. | 43. | 55. | 55. | 55. | 28. | 12.12 | 26.42 | 1.45 |
| 163 Oneonta | 001 | F01 | 13 | 25. | 27. | 39. | 62. | 73. | 78. | 102. | 102. | 102. | 57. | 22.82 | 52.89 | 1.55 |
| 163 Owego | 001 | F01 | 11 | 16. | 17. | 26. | 29. | 42. | 51. | 61. | 61. | 61. | 34. | 15.22 | 31.34 | 1.59 |
| 164 Alfred | 001 | F01 | 13 | 6. | 11. | 11. | 15. | 22. | 25. | 51. | 51. | 51. | 18. | 11.38 | 15.73 | 1.69 |
| 164 Allegany Co | 001 | F01 | 9 | 7. | 7. | 13. | 19. | 33. | 69. | 69. | 69. | 69. | 26. | 18.95 | 21.22 | 1.97 |
| 164 Cattaraugus Co | 002 | F01 | 11 | 9. | 10. | 16. | 25. | 31. | 46. | 53. | 53. | 53. | 26. | 14.24 | 22.69 | 1.78 |
| | 003 | F01 | 9 | 14. | 14. | 20. | 28. | 34. | 50. | 50. | 50. | 50. | 29. | 11.21 | 26.87 | 1.49 |
| | 004 | F01 | 11 | 11. | 12. | 24. | 25. | 27. | 35. | 65. | 65. | 65. | 27. | 14.72 | 23.93 | 1.65 |
| 164 Chemung Co | 002 | F01 | 13 | 21. | 22. | 30. | 41. | 46. | 49. | 127. | 127. | 127. | 44. | 26.81 | 38.87 | 1.58 |
| 164 Corning | 001 | F01 | 8 | 31. | 31. | 43. | 44. | 67. | 106. | 106. | 106. | 106. | 59. | 25.58 | 54.79 | 1.51 |
| 164 Dunkirk | 001 | F01 | 4 | 30. | 30. | 31. | 31. | 37. | 42. | 42. | 42. | 42. | | | | |
| | 002 | F01 | 7 | 16. | 16. | 31. | 40. | 46. | 70. | 70. | 70. | 70. | 41. | 21.20 | 35.39 | 1.80 |
| 164 Ellicott | 001 | F01 | 6 | 13. | 13. | 18. | 20. | 22. | 31. | 31. | 31. | 31. | 21. | 5.91 | 20.15 | 1.33 |
| 164 Elmira | 002 | F01 | 15 | 50. | 51. | 64. | 71. | 92. | 107. | 177. | 177. | 177. | 81. | 32.26 | 76.44 | 1.40 |
| 164 Horseheads | 001 | F01 | 10 | 28. | 28. | 30. | 35. | 57. | 67. | 89. | 89. | 89. | 47. | 20.78 | 43.55 | 1.51 |
| 164 Ithaca | 001 | F01 | 13 | 24. | 28. | 32. | 38. | 53. | 69. | 125. | 125. | 125. | 47. | 26.34 | 42.96 | 1.54 |
| 164 Jamestown | 001 | F01 | 14 | 30. | 38. | 39. | 50. | 61. | 105. | 196. | 196. | 196. | 63. | 44.02 | 54.41 | 1.70 |
| | 002 | F01 | 14 | 31. | 42. | 46. | 52. | 78. | 88. | 90. | 90. | 90. | 60. | 19.25 | 57.28 | 1.39 |
| | 003 | F01 | 8 | 10. | 10. | 27. | 29. | 33. | 53. | 53. | 53. | 53. | 33. | 13.54 | 29.51 | 1.67 |
| 164 Silver Creek | 001 | F01 | 2 | 6. | 6. | 6. | 6. | 21. | 21. | 21. | 21. | 21. | | | | |
| 164 Watkins Glen | 001 | F01 | 14 | 28. | 29. | 33. | 39. | 53. | 66. | 97. | 97. | 97. | 46. | 18.90 | 43.42 | 1.44 |
| 164 Wellsville | 002 | F01 | 13 | 10. | 15. | 16. | 23. | 23. | 42. | 71. | 71. | 71. | 26. | 16.01 | 22.51 | 1.46 |
| **NORTH CAROLINA** | | | | | | | | | | | | | | | | |
| 136 Asheboro | 002 | F01 | 14 | 18. | 24. | 32. | 39. | 52. | 89. | 89. | 89. | 89. | 45. | 22.31 | 40.16 | 1.42 |
| 136 Burlington | 001 | F02 | 14 | 24. | 26. | 32. | 43. | 68. | 70. | 86. | 86. | 86. | 48. | 19.40 | 44.06 | 1.52 |
| 136 Eden | 002 | F02 | 13 | 17. | 19. | 31. | 47. | 52. | 75. | 78. | 78. | 78. | 44. | 20.05 | 39.55 | 1.46 |
| 136 Forsyth Co | 001 | G01 | 14 | 8. | 12. | 24. | 30. | 38. | 48. | 51. | 51. | 51. | 30. | 13.63 | 26.80 | 1.74 |
| | 002 | G01 | 13 | 17. | 19. | 27. | 35. | 54. | 57. | 58. | 58. | 58. | 38. | 15.26 | 34.54 | 1.56 |
| | 003 | G01 | 12 | 19. | 26. | 43. | 49. | 74. | 89. | 118. | 118. | 118. | 58. | 29.36 | 51.02 | 1.72 |
| 136 Graham | 001 | F02 | 15 | 14. | 20. | 24. | 35. | 44. | 58. | 61. | 61. | 61. | 35. | 14.30 | 32.14 | 1.54 |
| 136 Greensboro | 002 | G02 | 10 | 14. | 14. | 65. | 113. | 132. | 156. | 268. | 268. | 268. | 115. | 70.29 | 90.51 | 2.30 |
| | 003 | G01 | 9 | 23. | 23. | 38. | 60. | 101. | 142. | 142. | 142. | 142. | 73. | 41.08 | 62.76 | 1.85 |
| 136 Guilford Co | 010 | G02 | 9 | 18. | 18. | 33. | 72. | 85. | 136. | 136. | 136. | 136. | 69. | 35.45 | 60.41 | 1.83 |
| 136 High Point | 002 | G02 | 11 | 31. | 35. | 47. | 78. | 136. | 149. | 174. | 174. | 174. | 90. | 51.18 | 75.98 | 1.85 |
| | 003 | G02 | 11 | 19. | 30. | 53. | 68. | 79. | 117. | 145. | 145. | 145. | 71. | 39.32 | 60.76 | 1.86 |
| 136 Kernersville | 001 | G01 | 14 | 21. | 27. | 33. | 35. | 57. | 73. | 88. | 88. | 88. | 46. | 19.51 | 42.01 | 1.52 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. de |
| **NORTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | |
| 136 Lexington | 001 | F02 | 13 | 18. | 21. | 23. | 35. | 42. | 60. | 66. | 66. | 66. | 36. | 14.68 | 33.50 | 1.49 |
| 136 Mount Airy | 001 | F02 | 8 | 32. | 32. | 53. | 53. | 65. | 90. | 90. | 90. | 90. | 58. | 18.92 | 54.70 | 1.41 |
| 136 Reidsville | 001 | F01 | 13 | 16. | 19. | 34. | 37. | 45. | 49. | 59. | 59. | 59. | 37. | 12.65 | 34.75 | 1.48 |
| 136 Thomasville | 001 | F02 | 13 | 10. | 30. | 36. | 50. | 63. | 89. | 94. | 94. | 94. | 51. | 23.85 | 44.96 | 1.79 |
| 136 Winston-Salem | 002 | G02 | 12 | 32. | 32. | 61. | 70. | 77. | 95. | 108. | 108. | 108. | 68. | 25.19 | 62.63 | 1.53 |
| | 003 | G02 | 12 | 31. | 37. | 50. | 59. | 92. | 102. | 114. | 114. | 114. | 70. | 27.37 | 65.07 | 1.52 |
| | 005 | G01 | 12 | 15. | 21. | 30. | 40. | 49. | 74. | 86. | 86. | 86. | 44. | 21.04 | 39.03 | 1.66 |
| | 006 | G01 | 14 | 39. | 39. | 55. | 62. | 89. | 103. | 105. | 105. | 105. | 70. | 23.40 | 65.90 | 1.41 |
| | 008 | G01 | 13 | 26. | 34. | 43. | 56. | 68. | 80. | 117. | 117. | 117. | 58. | 24.08 | 53.40 | 1.50 |
| | 009 | G02 | 13 | 34. | 34. | 39. | 54. | 71. | 100. | 101. | 101. | 101. | 60. | 23.56 | 55.85 | 1.47 |
| | 012 | G02 | 14 | 23. | 30. | 40. | 49. | 67. | 102. | 104. | 104. | 104. | 56. | 25.79 | 50.50 | 1.59 |
| 165 Alexander Co | 001 | G01 | 9 | 28. | 28. | 42. | 60. | 94. | 107. | 107. | 107. | 107. | 66. | 29.40 | 59.85 | 1.61 |
| 165 Boone | 001 | F02 | 12 | 17. | 18. | 22. | 27. | 32. | 38. | 39. | 39. | 39. | 28. | 7.46 | 26.87 | 1.33 |
| 165 Burke Co | 001 | G03 | 9 | 15. | 15. | 25. | 38. | 39. | 45. | 45. | 45. | 45. | 33. | 9.91 | 31.59 | 1.43 |
| 165 Forest City | 001 | F01 | 10 | 29. | 29. | 45. | 50. | 51. | 57. | 162. | 162. | 162. | 58. | 37.26 | 52.19 | 1.55 |
| 165 Hickory | 002 | G01 | 9 | 7. | 7. | 38. | 46. | 73. | 98. | 98. | 98. | 98. | 52. | 28.72 | 42.52 | 2.23 |
| 165 Kings Mountain | 001 | G01 | 15 | 10. | 15. | 24. | 25. | 32. | 45. | 72. | 72. | 72. | 29. | 14.80 | 25.69 | 1.60 |
| 165 Lenoir | 002 | G01 | 8 | 34. | 34. | 43. | 43. | 53. | 147. | 147. | 147. | 147. | 62. | 38.60 | 54.43 | 1.64 |
| 165 Mc Dowell Co | 001 | F02 | 15 | 19. | 25. | 30. | 44. | 56. | 78. | 81. | 81. | 81. | 46. | 20.64 | 41.97 | 1.59 |
| 165 Marion | 001 | F01 | 11 | 18. | 23. | 31. | 33. | 56. | 74. | 78. | 78. | 78. | 44. | 21.14 | 39.40 | 1.65 |
| 165 Morganton | 002 | G01 | 9 | 47. | 47. | 49. | 61. | 103. | 188. | 188. | 188. | 188. | 90. | 52.33 | 79.05 | 1.70 |
| 165 Newton | 001 | G01 | 9 | 27. | 27. | 34. | 56. | 62. | 73. | 73. | 73. | 73. | 50. | 16.98 | 47.59 | 1.44 |
| 165 North Wilkesboro | 001 | F01 | 10 | 5. | 5. | 22. | 22. | 34. | 58. | 65. | 65. | 65. | 33. | 20.57 | 25.95 | 2.22 |
| 165 Rutherfordton | 001 | F01 | 14 | 18. | 19. | 25. | 32. | 49. | 59. | 71. | 71. | 71. | 38. | 17.27 | 34.43 | 1.59 |
| 165 Shelby | 002 | G01 | 12 | 13. | 14. | 20. | 26. | 32. | 46. | 55. | 55. | 55. | 29. | 13.42 | 26.24 | 1.61 |
| 165 Spindale | 001 | F01 | 14 | 16. | 19. | 23. | 28. | 44. | 50. | 99. | 99. | 99. | 37. | 21.77 | 32.64 | 1.68 |
| 165 Spruce Pine | 002 | F02 | 12 | 13. | 14. | 20. | 23. | 45. | 62. | 114. | 114. | 114. | 38. | 29.22 | 30.22 | 1.94 |
| 165 Wilkes Co | 001 | F01 | 9 | 22. | 22. | 29. | 32. | 63. | 72. | 72. | 72. | 72. | 45. | 20.00 | 40.72 | 1.58 |
| 165 Yancey Co | 001 | F02 | 11 | 12. | 12. | 14. | 22. | 35. | 52. | 53. | 53. | 53. | 28. | 15.51 | 23.91 | 1.78 |
| | 002 | F01 | 13 | 7. | 12. | 18. | 25. | 32. | 41. | 42. | 42. | 42. | 26. | 10.77 | 23.08 | 1.67 |
| 166 Chapel Hill | 003 | F01 | 15 | 12. | 17. | 23. | 30. | 45. | 51. | 53. | 53. | 53. | 33. | 13.72 | 30.05 | 1.58 |
| 166 Chatham Co | 002 | F01 | 15 | 10. | 15. | 23. | 38. | 46. | 83. | 130. | 130. | 130. | 42. | 31.31 | 33.72 | 2.02 |
| 166 Durham | 001 | G01 | 14 | 29. | 31. | 48. | 58. | 66. | 88. | 99. | 99. | 99. | 60. | 21.77 | 56.22 | 1.47 |
| 166 Henderson | 002 | F01 | 15 | 12. | 15. | 22. | 25. | 30. | 41. | 54. | 54. | 54. | 27. | 10.70 | 25.60 | 1.47 |
| 166 Raleigh | 002 | F01 | 15 | 17. | 23. | 32. | 40. | 50. | 79. | 81. | 81. | 81. | 42. | 18.83 | 38.69 | 1.56 |
| | 003 | F01 | 13 | 13. | 18. | 23. | 31. | 44. | 51. | 55. | 55. | 55. | 33. | 13.56 | 29.87 | 1.57 |
| | 006 | F01 | 15 | 25. | 26. | 37. | 47. | 51. | 86. | 88. | 88. | 88. | 48. | 19.84 | 44.28 | 1.50 |
| 166 Roanoke Rapids | 001 | F02 | 15 | 13. | 19. | 32. | 36. | 45. | 112. | 116. | 116. | 116. | 46. | 31.16 | 38.55 | 1.85 |
| 166 Rocky Mount | 001 | F01 | 15 | 26. | 29. | 33. | 46. | 58. | 87. | 97. | 97. | 97. | 50. | 21.47 | 46.15 | 1.51 |
| 166 Roxboro | 001 | F02 | 15 | 11. | 12. | 19. | 27. | 32. | 36. | 42. | 42. | 42. | 25. | 9.86 | 23.29 | 1.54 |
| 166 Sanford | 001 | F01 | 14 | 18. | 18. | 27. | 28. | 37. | 55. | 57. | 57. | 57. | 32. | 13.29 | 29.95 | 1.49 |
| 166 Smithfield | 001 | F01 | 15 | 15. | 19. | 23. | 35. | 49. | 74. | 80. | 80. | 80. | 40. | 21.82 | 34.81 | 1.72 |
| 166 Wilson | 001 | F02 | 10 | 19. | 19. | 29. | 44. | 45. | 87. | 97. | 97. | 97. | 51. | 26.24 | 45.30 | 1.69 |
| 167 Albemarle | 001 | F01 | 11 | 11. | 17. | 26. | 33. | 42. | 53. | 83. | 83. | 83. | 37. | 19.89 | 32.56 | 1.75 |
| 167 Belmont | 001 | G02 | 15 | 21. | 25. | 35. | 41. | 62. | 89. | 106. | 106. | 106. | 52. | 26.63 | 46.05 | 1.65 |
| 167 Bessemer City | 006 | G02 | 14 | 27. | 32. | 43. | 48. | 70. | 84. | 89. | 89. | 89. | 58. | 21.27 | 53.96 | 1.48 |
| 167 Charlotte | 001 | G01 | 14 | 23. | 24. | 33. | 35. | 48. | 62. | 75. | 75. | 75. | 42. | 15.55 | 39.49 | 1.44 |
| | 002 | G01 | 15 | 21. | 25. | 34. | 39. | 51. | 91. | 102. | 102. | 102. | 48. | 23.53 | 43.40 | 1.57 |
| | 003 | G01 | 13 | 23. | 28. | 36. | 37. | 56. | 69. | 75. | 75. | 75. | 44. | 15.73 | 41.60 | 1.41 |
| | 004 | G01 | 15 | 14. | 24. | 27. | 33. | 42. | 55. | 58. | 58. | 58. | 35. | 12.65 | 32.88 | 1.46 |
| | 006 | G01 | 15 | 30. | 31. | 60. | 73. | 130. | 177. | 386. | 386. | 386. | 107. | 88.40 | 85.51 | 1.95 |
| | 008 | G01 | 15 | 13. | 15. | 24. | 28. | 41. | 53. | 62. | 62. | 62. | 32. | 14.43 | 28.79 | 1.59 |
| | 009 | G02 | 14 | 15. | 15. | 28. | 29. | 40. | 47. | 53. | 53. | 53. | 32. | 12.05 | 29.51 | 1.51 |
| | 010 | G01 | 15 | 27. | 32. | 39. | 45. | 56. | 87. | 91. | 91. | 91. | 50. | 19.00 | 47.49 | 1.42 |
| | 011 | G01 | 14 | 21. | 22. | 30. | 34. | 50. | 73. | 77. | 77. | 77. | 43. | 17.96 | 39.32 | 1.52 |
| | 014 | G01 | 15 | 11. | 12. | 19. | 24. | 28. | 32. | 44. | 44. | 44. | 24. | 8.49 | 22.57 | 1.45 |
| | 026 | G02 | 11 | 21. | 22. | 30. | 33. | 40. | 44. | 96. | 96. | 96. | 38. | 20.85 | 34.43 | 1.53 |
| 167 Cherryville | 002 | G01 | 15 | 21. | 22. | 31. | 39. | 50. | 82. | 105. | 105. | 105. | 47. | 24.46 | 41.81 | 1.63 |
| 167 Cramerton | 002 | G02 | 12 | 14. | 18. | 20. | 20. | 35. | 47. | 50. | 50. | 50. | 29. | 12.90 | 26.10 | 1.54 |
| 167 Dallas | 001 | G01 | 12 | 16. | 18. | 21. | 27. | 37. | 50. | 57. | 57. | 57. | 31. | 13.97 | 28.52 | 1.55 |
| | 003 | G01 | 15 | 18. | 18. | 30. | 35. | 44. | 57. | 60. | 60. | 60. | 37. | 14.08 | 34.63 | 1.50 |
| 167 Davidson | 001 | G01 | 15 | 14. | 14. | 23. | 25. | 39. | 47. | 56. | 56. | 56. | 29. | 13.05 | 26.82 | 1.57 |
| | 002 | G02 | 15 | 10. | 11. | 14. | 21. | 29. | 38. | 40. | 40. | 40. | 22. | 9.91 | 19.92 | 1.60 |
| 167 Gastonia | 002 | G02 | 12 | 20. | 20. | 34. | 46. | 64. | 76. | 111. | 111. | 111. | 52. | 26.35 | 46.33 | 1.70 |
| | 003 | G01 | 7 | 22. | 22. | 39. | 45. | 56. | 76. | 76. | 76. | 76. | 46. | 18.17 | 43.10 | 1.52 |
| 167 Iredell Co | 001 | F02 | 13 | 15. | 18. | 29. | 35. | 51. | 63. | 80. | 80. | 80. | 40. | 18.99 | 35.64 | 1.65 |
| 167 Kannapolis | 004 | F02 | 13 | 17. | 27. | 36. | 44. | 55. | 66. | 75. | 75. | 75. | 45. | 16.17 | 41.95 | 1.50 |
| 167 Lincolnton | 001 | F01 | 14 | 16. | 17. | 32. | 36. | 43. | 46. | 54. | 54. | 54. | 35. | 11.51 | 33.21 | 1.47 |
| | 002 | F01 | 15 | 25. | 26. | 36. | 49. | 51. | 59. | 68. | 68. | 68. | 45. | 13.20 | 42.94 | 1.38 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1978 *First Quarter*

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NORTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | |
| 167 Mecklenburg Co | 001 | G01 | 15 | 10. | 16. | 19. | 28. | 45. | 67. | 68. | 68. | 68. | 32. | 18.01 | 28.22 | 1.74 |
| 167 Monroe | 001 | F01 | 15 | 16. | 25. | 34. | 38. | 50. | 59. | 86. | 86. | 86. | 43. | 16.75 | 39.60 | 1.49 |
| 167 Mooresville | 001 | F01 | 14 | 13. | 27. | 32. | 36. | 49. | 58. | 69. | 69. | 69. | 42. | 15.33 | 38.54 | 1.54 |
| 167 Mount Holly | 001 | G02 | 15 | 20. | 22. | 34. | 44. | 56. | 100. | 109. | 109. | 109. | 52. | 27.68 | 45.31 | 1.70 |
| 167 Rowan Co | 005 | G02 | 13 | 24. | 31. | 35. | 43. | 56. | 64. | 85. | 85. | 85. | 46. | 16.45 | 43.78 | 1.40 |
| 167 Salisbury | 002 | G01 | 13 | 29. | 37. | 43. | 50. | 66. | 80. | 83. | 83. | 83. | 53. | 16.81 | 51.01 | 1.37 |
| 167 Statesville | 001 | F01 | 13 | 16. | 25. | 30. | 44. | 51. | 77. | 80. | 80. | 80. | 46. | 20.30 | 41.99 | 1.60 |
| 168 Ahoskie | 001 | F01 | 15 | 14. | 15. | 23. | 29. | 38. | 62. | 74. | 74. | 74. | 34. | 16.58 | 30.53 | 1.60 |
| 168 Beaufort Co | 001 | F02 | 15 | 20. | 21. | 24. | 26. | 47. | 70. | 73. | 73. | 73. | 37. | 18.84 | 32.77 | 1.59 |
| 168 Bertie Co | 001 | F02 | 15 | 24. | 26. | 34. | 43. | 60. | 103. | 147. | 147. | 147. | 55. | 33.65 | 47.75 | 1.69 |
| 168 Edenton | 001 | F01 | 11 | 14. | 24. | 26. | 29. | 30. | 51. | 54. | 54. | 54. | 31. | 11.71 | 29.25 | 1.44 |
| 168 Elizabeth City | 001 | F01 | 15 | 17. | 17. | 23. | 36. | 51. | 73. | 101. | 101. | 101. | 42. | 24.73 | 36.03 | 1.77 |
| 168 Farmville | 001 | F02 | 14 | 14. | 17. | 24. | 28. | 32. | 53. | 60. | 60. | 60. | 32. | 14.15 | 29.10 | 1.54 |
| 168 Greenville | 001 | F01 | 15 | 20. | 22. | 31. | 37. | 48. | 82. | 104. | 104. | 104. | 45. | 24.62 | 40.16 | 1.64 |
| 168 Hertford Co | 001 | F02 | 11 | 16. | 21. | 22. | 38. | 42. | 49. | 70. | 70. | 70. | 36. | 15.83 | 32.84 | 1.57 |
| | 002 | F02 | 14 | 6. | 13. | 16. | 23. | 33. | 39. | 48. | 48. | 48. | 25. | 11.60 | 22.09 | 1.73 |
| 168 Plymouth | 001 | F02 | 15 | 22. | 24. | 26. | 37. | 44. | 78. | 86. | 86. | 86. | 43. | 21.35 | 38.99 | 1.38 |
| 168 Washington | 001 | F01 | 15 | 25. | 27. | 27. | 35. | 46. | 65. | 78. | 78. | 78. | 41. | 16.60 | 37.79 | 1.46 |
| 169 Dunn | 001 | F01 | 15 | 24. | 24. | 28. | 33. | 62. | 78. | 87. | 87. | 87. | 46. | 22.17 | 41.17 | 1.60 |
| 169 Fayetteville | 002 | F01 | 15 | 26. | 26. | 34. | 39. | 50. | 65. | 67. | 67. | 67. | 43. | 13.95 | 40.97 | 1.38 |
| | 003 | F02 | 14 | 26. | 34. | 41. | 48. | 78. | 135. | 157. | 157. | 157. | 70. | 40.24 | 60.08 | 1.74 |
| 169 Laurinburg | 001 | F01 | 15 | 19. | 23. | 28. | 34. | 55. | 67. | 79. | 79. | 79. | 40. | 18.51 | 36.61 | 1.56 |
| 169 Lumberton | 002 | F01 | 12 | 19. | 27. | 35. | 39. | 55. | 83. | 126. | 126. | 126. | 49. | 29.22 | 43.49 | 1.65 |
| 169 Moore Co | 001 | F01 | 15 | 6. | 10. | 13. | 18. | 26. | 38. | 51. | 51. | 51. | 22. | 12.27 | 19.04 | 1.76 |
| 169 Rockingham | 002 | F01 | 14 | 21. | 23. | 27. | 29. | 34. | 71. | 75. | 75. | 75. | 37. | 17.49 | 33.58 | 1.50 |
| 169 Southern Pines | 001 | F01 | 15 | 13. | 14. | 17. | 20. | 30. | 55. | 55. | 55. | 55. | 27. | 14.94 | 24.05 | 1.66 |
| 170 Brunswick Co | 003 | F02 | 15 | 15. | 18. | 28. | 36. | 51. | 81. | 91. | 91. | 91. | 44. | 23.15 | 38.67 | 1.70 |
| 170 Columbus Co | 001 | F02 | 15 | 15. | 22. | 26. | 39. | 58. | 76. | 79. | 79. | 79. | 43. | 21.49 | 38.53 | 1.68 |
| | 002 | F02 | 14 | 8. | 20. | 32. | 34. | 50. | 60. | 93. | 93. | 93. | 41. | 20.76 | 36.14 | 1.80 |
| 170 Craven Co | 001 | F02 | 11 | 18. | 21. | 27. | 34. | 42. | 60. | 94. | 94. | 94. | 41. | 22.18 | 36.07 | 1.64 |
| 170 Duplin Co | 001 | F01 | 15 | 15. | 18. | 20. | 24. | 37. | 49. | 94. | 94. | 94. | 31. | 19.97 | 27.54 | 1.62 |
| 170 Goldsboro | 002 | F01 | 15 | 15. | 22. | 40. | 50. | 56. | 87. | 100. | 100. | 100. | 52. | 22.86 | 47.26 | 1.63 |
| 170 Jacksonville | 001 | F01 | 15 | 31. | 39. | 45. | 48. | 60. | 116. | 122. | 122. | 122. | 61. | 27.96 | 55.95 | 1.49 |
| | 002 | F01 | 15 | 15. | 19. | 22. | 29. | 57. | 93. | 388. | 388. | 388. | 64. | 93.11 | 40.55 | 2.34 |
| 170 Kinston | 001 | F02 | 14 | 20. | 24. | 27. | 29. | 40. | 82. | 83. | 83. | 83. | 39. | 20.29 | 35.52 | 1.55 |
| 170 Morehead City | 001 | F02 | 15 | 26. | 36. | 51. | 55. | 102. | 177. | 408. | 408. | 408. | 97. | 94.61 | 74.66 | 2.00 |
| 170 New Bern | 001 | F01 | 15 | 18. | 21. | 26. | 34. | 45. | 65. | 92. | 92. | 92. | 39. | 19.66 | 35.49 | 1.58 |
| 170 Wallace | 001 | F01 | 15 | 27. | 28. | 37. | 39. | 46. | 90. | 102. | 102. | 102. | 48. | 22.14 | 44.17 | 1.48 |
| 170 Wilmington | 002 | F01 | 14 | 26. | 27. | 35. | 44. | 60. | 78. | 80. | 80. | 80. | 48. | 19.63 | 44.79 | 1.51 |
| | 004 | F02 | 15 | 27. | 34. | 39. | 50. | 56. | 88. | 149. | 149. | 149. | 57. | 30.42 | 51.40 | 1.54 |
| 171 Asheville | 002 | I01 | 14 | 14. | 15. | 30. | 38. | 46. | 78. | 114. | 114. | 114. | 44. | 26.35 | 37.78 | 1.78 |
| | 003 | I01 | 13 | 19. | 23. | 35. | 70. | 102. | 105. | 116. | 116. | 116. | 66. | 35.15 | 55.79 | 1.88 |
| | 004 | I02 | 15 | 20. | 30. | 51. | 64. | 90. | 148. | 523. | 523. | 523. | 98. | 122.59 | 67.66 | 2.20 |
| | 005 | I01 | 14 | 14. | 15. | 24. | 30. | 42. | 60. | 62. | 62. | 62. | 34. | 15.81 | 30.88 | 1.62 |
| 171 Brevard | 001 | F02 | 14 | 12. | 12. | 17. | 19. | 29. | 38. | 80. | 80. | 80. | 27. | 17.58 | 22.87 | 1.70 |
| 171 Buncombe Co | 021 | I01 | 15 | 15. | 18. | 29. | 45. | 49. | 69. | 105. | 105. | 105. | 45. | 22.83 | 40.43 | 1.66 |
| | 023 | I02 | 15 | 13. | 14. | 21. | 27. | 39. | 44. | 59. | 59. | 59. | 30. | 13.37 | 27.00 | 1.58 |
| 171 Canton | 002 | I02 | 15 | 22. | 29. | 69. | 86. | 145. | 225. | 287. | 287. | 287. | 109. | 75.61 | 85.48 | 2.15 |
| 171 Haywood Co | 002 | I02 | 13 | 16. | 19. | 22. | 33. | 45. | 66. | 73. | 73. | 73. | 36. | 17.98 | 32.56 | 1.61 |
| | 006 | I02 | 14 | 24. | 29. | 46. | 50. | 63. | 92. | 102. | 102. | 102. | 56. | 24.40 | 51.45 | 1.56 |
| 171 Hendersonville | 002 | F01 | 14 | 14. | 17. | 27. | 34. | 50. | 67. | 151. | 151. | 151. | 47. | 34.63 | 38.38 | 1.87 |
| | 003 | F02 | 15 | 14. | 17. | 28. | 35. | 52. | 65. | 85. | 85. | 85. | 41. | 20.11 | 36.15 | 1.67 |
| 171 Jackson Co | 001 | F02 | 3 | 24. | 24. | 24. | 46. | 59. | 59. | 59. | 59. | 59. | | | | |
| | 002 | F02 | 2 | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. | | | | |
| 171 Swain Co | 001 | F01 | 15 | 15. | 17. | 25. | 39. | 53. | 77. | 88. | 88. | 88. | 43. | 23.22 | 37.15 | 1.79 |
| 171 Waynesville | 003 | I01 | 10 | 26. | 26. | 35. | 36. | 53. | 66. | 105. | 105. | 105. | 48. | 23.63 | 44.07 | 1.52 |
| **NORTH DAKOTA** | | | | | | | | | | | | | | | | |
| 130 Cass Co | 001 | F03 | 12 | 14. | 14. | 15. | 17. | 21. | 44. | 62. | 62. | 62. | 25. | 15.37 | 21.80 | 1.66 |
| 130 Fargo | 001 | F01 | 14 | 24. | 32. | 42. | 49. | 66. | 70. | 78. | 78. | 78. | 53. | 16.72 | 50.07 | 1.42 |
| | 002 | F01 | 10 | 17. | 17. | 30. | 37. | 40. | 87. | 94. | 94. | 94. | 46. | 25.72 | 40.00 | 1.71 |
| 172 Barnes Co | 001 | F03 | 5 | 30. | 30. | 32. | 35. | 76. | 138. | 138. | 138. | 138. | 62. | 46.43 | 51.22 | 1.95 |
| 172 Bismarck | 001 | F01 | 4 | 27. | 27. | 30. | 30. | 72. | 147. | 147. | 147. | 147. | | | | |
| | 001 | P01 | 8 | 22. | 22. | 38. | 49. | 53. | 73. | 73. | 73. | 73. | 47. | 17.46 | 43.68 | 1.52 |
| 172 Devils Lake | 001 | F01 | 5 | 19. | 19. | 26. | 39. | 46. | 58. | 58. | 58. | 58. | 38. | 15.57 | 34.85 | 1.57 |
| 172 Dickinson | 001 | F01 | 6 | 23. | 23. | 27. | 35. | 45. | 45. | 45. | 45. | 45. | 36. | 9.47 | 35.03 | 1.33 |
| 172 Grand Forks | 001 | F01 | 6 | 24. | 24. | 33. | 34. | 66. | 82. | 82. | 82. | 82. | 49. | 22.57 | 45.00 | 1.61 |
| 172 Jamestown | 001 | F01 | 5 | 36. | 36. | 37. | 43. | 104. | 114. | 114. | 114. | 114. | 67. | 38.78 | 58.40 | 1.77 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

## 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NORTH DAKOTA — Cont.** | | | | | | | | | | | | | | | | |
| 172 Mandan | 001 | F01 | 6 | 21. | 21. | 26. | 30. | 39. | 394. | 394. | 394. | 394. | 91. | 148.44 | 46.07 | 2.94 |
| 172 Mercer Co | 001 | F01 | 16 | 15. | 19. | 22. | 31. | 43. | 64. | 151. | 151. | 151. | 41. | 32.23 | 34.23 | 1.75 |
| | 002 | F01 | 8 | 12. | 12. | 15. | 15. | 19. | 38. | 38. | 38. | 38. | 19. | 8.30 | 17.81 | 1.44 |
| 172 Minot | 001 | F01 | 6 | 9. | 9. | 24. | 30. | 49. | 107. | 107. | 107. | 107. | 43. | 34.11 | 33.55 | 2.28 |
| 172 Sheridan Co | 002 | P03 | 13 | 7. | 10. | 11. | 19. | 35. | 54. | 139. | 139. | 139. | 31. | 35.93 | 20.97 | 2.36 |
| 172 Stutsman Co | 001 | F03 | 5 | 25. | 25. | 40. | 42. | 57. | 138. | 138. | 138. | 138. | 60. | 44.84 | 50.56 | 1.89 |
| 172 Valley City | 001 | F01 | 6 | 22. | 22. | 27. | 52. | 87. | 114. | 114. | 114. | 114. | 59. | 35.46 | 50.32 | 1.90 |
| 172 Wahpeton | 001 | F01 | 6 | 24. | 24. | 26. | 27. | 37. | 52. | 52. | 52. | 52. | 32. | 10.72 | 30.93 | 1.34 |
| 172 Ward Co | 001 | F03 | 6 | 8. | 8. | 10. | 11. | 35. | 47. | 47. | 47. | 47. | 21. | 16.04 | 16.88 | 2.06 |
| 172 Williston | 001 | F01 | 7 | 16. | 16. | 32. | 34. | 42. | 58. | 58. | 58. | 58. | 37. | 14.17 | 34.14 | 1.54 |
| **OHIO** | | | | | | | | | | | | | | | | |
| 079 Cincinnati | 001 | P01 | 8 | 30. | 30. | 52. | 52. | 63. | 90. | 90. | 90. | 90. | 59. | 19.71 | 55.40 | 1.43 |
| | 019 | P01 | 7 | 25. | 25. | 53. | 55. | 84. | 110. | 110. | 110. | 110. | 66. | 30.50 | 58.96 | 1.68 |
| 103 Ironton | 009 | P01 | 6 | 32. | 32. | 38. | 45. | 84. | 92. | 92. | 92. | 92. | 61. | 25.85 | 56.39 | 1.57 |
| 103 Portsmouth | 002 | P01 | 5 | 40. | 40. | 40. | 41. | 42. | 72. | 72. | 72. | 72. | 47. | 14.00 | 45.66 | 1.29 |
| 124 Toledo | 001 | P01 | 7 | 25. | 25. | 56. | 65. | 68. | 145. | 145. | 145. | 145. | 74. | 39.25 | 65.35 | 1.74 |
| 173 Dayton | 001 | P01 | 5 | 60. | 60. | 67. | 84. | 96. | 120. | 120. | 120. | 120. | 85. | 23.95 | 82.79 | 1.32 |
| 174 Akron | 014 | P01 | 8 | 69. | 69. | 74. | 81. | 82. | 139. | 139. | 139. | 139. | 86. | 22.59 | 84.31 | 1.25 |
| 174 Canton | 001 | P01 | 7 | 50. | 50. | 79. | 86. | 89. | 112. | 112. | 112. | 112. | 83. | 21.13 | 80.20 | 1.32 |
| 176 Columbus | 001 | P01 | 7 | 32. | 32. | 52. | 58. | 64. | 92. | 92. | 92. | 92. | 60. | 19.06 | 57.04 | 1.40 |
| 178 Youngstown | 001 | P01 | 8 | 43. | 43. | 47. | 59. | 80. | 105. | 105. | 105. | 105. | 69. | 24.21 | 64.90 | 1.42 |
| 181 Steubenville | 012 | P01 | 7 | 45. | 45. | 62. | 63. | 80. | 150. | 150. | 150. | 150. | 78. | 34.79 | 73.14 | 1.47 |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 017 Sequoyah Co | 471 | F01 | 14 | 11. | 13. | 21. | 23. | 30. | 67. | 82. | 82. | 82. | 30. | 20.25 | 25.16 | 1.74 |
| 017 Tahlequah | 480 | F01 | 14 | 13. | 14. | 19. | 23. | 27. | 32. | 44. | 44. | 44. | 24. | 8.02 | 22.98 | 1.38 |
| 022 Idabel | 455 | F01 | 3 | 23. | 23. | 23. | 64. | 69. | 69. | 69. | 69. | 69. | | | | |
| 022 Mc Curtain Co | 459 | F01 | 12 | 32. | 34. | 36. | 50. | 73. | 88. | 101. | 101. | 101. | 57. | 23.74 | 52.54 | 1.50 |
| | 463 | F01 | 4 | 3. | 3. | 27. | 27. | 35. | 57. | 57. | 57. | 57. | | | | |
| | 464 | F01 | 8 | 17. | 17. | 33. | 45. | 54. | 119. | 119. | 119. | 119. | 51. | 31.96 | 43.93 | 1.82 |
| 184 Bethany | 014 | F01 | 10 | 32. | 32. | 51. | 52. | 80. | 90. | 170. | 170. | 170. | 70. | 39.88 | 62.51 | 1.62 |
| 184 Cherokee Co | 001 | P03 | 7 | 14. | 14. | 39. | 43. | 52. | 84. | 84. | 84. | 84. | 44. | 23.41 | 38.38 | 1.84 |
| 184 Chickasha | 061 | F01 | 13 | 26. | 31. | 47. | 52. | 79. | 98. | 112. | 112. | 112. | 61. | 27.43 | 55.39 | 1.58 |
| 184 Edmond | 016 | F02 | 10 | 26. | 26. | 51. | 55. | 63. | 65. | 66. | 66. | 66. | 53. | 14.94 | 50.70 | 1.42 |
| 184 Kingfisher | 030 | F01 | 8 | 56. | 56. | 77. | 79. | 91. | 96. | 96. | 96. | 96. | 81. | 14.14 | 79.94 | 1.21 |
| 184 Midwest City | 006 | F01 | 14 | 22. | 26. | 42. | 46. | 58. | 73. | 137. | 137. | 137. | 54. | 27.92 | 49.16 | 1.56 |
| | 010 | F01 | 13 | 16. | 31. | 32. | 42. | 50. | 61. | 129. | 129. | 129. | 48. | 27.57 | 42.32 | 1.63 |
| 184 Norman | 040 | F01 | 8 | 13. | 13. | 24. | 29. | 35. | 46. | 46. | 46. | 46. | 29. | 10.62 | 26.83 | 1.51 |
| 184 Oklahoma Co | 005 | F03 | 13 | 17. | 19. | 21. | 37. | 40. | 42. | 59. | 59. | 59. | 34. | 12.17 | 31.42 | 1.47 |
| 184 Oklahoma City | 001 | F02 | 13 | 25. | 38. | 41. | 59. | 66. | 106. | 107. | 107. | 107. | 61. | 24.21 | 56.91 | 1.50 |
| | 002 | F02 | 14 | 12. | 15. | 29. | 31. | 44. | 53. | 89. | 89. | 89. | 37. | 19.64 | 32.55 | 1.69 |
| | 015 | F02 | 15 | 31. | 39. | 70. | 92. | 106. | 129. | 186. | 186. | 186. | 90. | 39.77 | 81.48 | 1.60 |
| | 015 | P01 | 6 | 28. | 28. | 45. | 57. | 70. | 102. | 102. | 102. | 102. | 61. | 25.16 | 56.93 | 1.55 |
| | 017 | F02 | 12 | 38. | 50. | 57. | 68. | 82. | 91. | 124. | 124. | 124. | 73. | 23.04 | 69.48 | 1.38 |
| | 018 | F02 | 15 | 45. | 60. | 78. | 93. | 98. | 122. | 159. | 159. | 159. | 93. | 27.82 | 88.80 | 1.36 |
| | 019 | F01 | 15 | 20. | 22. | 34. | 43. | 49. | 59. | 73. | 73. | 73. | 42. | 14.02 | 39.97 | 1.42 |
| | 020 | F03 | 13 | 18. | 23. | 26. | 36. | 41. | 49. | 79. | 79. | 79. | 37. | 15.56 | 34.93 | 1.47 |
| | 021 | F03 | 15 | 27. | 27. | 41. | 54. | 59. | 67. | 85. | 85. | 85. | 50. | 16.21 | 47.35 | 1.40 |
| | 022 | F02 | 15 | 45. | 73. | 94. | 113. | 137. | 182. | 202. | 202. | 202. | 122. | 44.33 | 113.86 | 1.49 |
| | 022 | P01 | 7 | 78. | 78. | 97. | 99. | 121. | 322. | 322. | 322. | 322. | 139. | 85.82 | 122.85 | 1.63 |
| | 033 | F01 | 14 | 21. | 39. | 57. | 60. | 68. | 88. | 91. | 91. | 91. | 61. | 18.40 | 58.15 | 1.45 |
| | 034 | F01 | 15 | 22. | 27. | 37. | 46. | 52. | 66. | 85. | 85. | 85. | 46. | 16.54 | 43.23 | 1.44 |
| 184 Shawnee | 053 | F01 | 13 | 25. | 30. | 41. | 57. | 82. | 99. | 111. | 111. | 111. | 61. | 27.08 | 55.90 | 1.59 |
| 185 Enid | 550 | F01 | 9 | 20. | 20. | 44. | 58. | 70. | 92. | 92. | 92. | 92. | 56. | 25.22 | 49.36 | 1.74 |
| 185 Stillwater | 610 | F01 | 11 | 10. | 29. | 38. | 43. | 51. | 71. | 103. | 103. | 103. | 47. | 24.17 | 41.34 | 1.80 |
| 186 Delaware Co | 500 | F01 | 4 | 28. | 28. | 42. | 42. | 44. | 46. | 46. | 46. | 46. | | | | |
| 186 Dewey | 219 | F01 | 10 | 19. | 19. | 28. | 30. | 37. | 56. | 85. | 85. | 85. | 39. | 19.18 | 35.25 | 1.52 |
| 186 Muskogee | 162 | F01 | 16 | 10. | 22. | 33. | 41. | 46. | 72. | 88. | 88. | 88. | 43. | 19.01 | 39.11 | 1.66 |
| | 164 | F01 | 20 | 15. | 16. | 21. | 32. | 40. | 51. | 52. | 67. | 67. | 33. | 14.73 | 30.03 | 1.58 |
| | 166 | F01 | 8 | 40. | 40. | 42. | 54. | 62. | 131. | 131. | 131. | 131. | 64. | 30.59 | 59.30 | 1.50 |
| 186 Okmulgee | 151 | F01 | 6 | 23. | 23. | 24. | 30. | 58. | 58. | 58. | 58. | 58. | 39. | 16.02 | 35.83 | 1.51 |
| 186 Pawhuska | 221 | F01 | 8 | 13. | 13. | 24. | 26. | 32. | 55. | 55. | 55. | 55. | 29. | 12.81 | 26.73 | 1.54 |
| 186 Poteau | 462 | F01 | 12 | 9. | 16. | 22. | 28. | 32. | 40. | 51. | 51. | 51. | 28. | 11.36 | 25.71 | 1.59 |
| 186 Pryor | 180 | F01 | 13 | 12. | 34. | 52. | 64. | 73. | 82. | 85. | 85. | 85. | 60. | 20.28 | 55.09 | 1.68 |
| | 181 | F02 | 13 | 38. | 39. | 60. | 80. | 90. | 122. | 222. | 222. | 222. | 86. | 48.43 | 76.58 | 1.64 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **OKLAHOMA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 186 Rogers Co | 194 | F01 | 13 | 7. | 9. | 19. | 27. | 30. | 34. | 39. | 39. | 39. | 24. | 9.42 | 21.98 | 1.67 |
| 186 Sand Springs | 128 | F01 | 11 | 15. | 27. | 56. | 61. | 75. | 95. | 112. | 112. | 112. | 63. | 29.53 | 55.27 | 1.82 |
| 186 Tulsa | 001 | F01 | 6 | 21. | 21. | 27. | 55. | 63. | 65. | 65. | 65. | 65. | 48. | 18.83 | 44.15 | 1.61 |
|  | 110 | F01 | 11 | 33. | 42. | 52. | 62. | 73. | 86. | 105. | 105. | 105. | 64. | 21.23 | 60.42 | 1.41 |
|  | 112 | F01 | 6 | 48. | 48. | 70. | 79. | 83. | 561. | 561. | 561. | 561. | 154. | 199.90 | 100.22 | 2.38 |
|  | 129 | F01 | 13 | 12. | 32. | 40. | 43. | 45. | 65. | 73. | 73. | 73. | 44. | 15.04 | 40.76 | 1.54 |
|  | 130 | F01 | 14 | 21. | 22. | 35. | 40. | 50. | 67. | 85. | 85. | 85. | 44. | 17.55 | 41.17 | 1.48 |
|  | 131 | F01 | 13 | 23. | 23. | 24. | 39. | 43. | 50. | 139. | 139. | 139. | 42. | 30.33 | 37.75 | 1.63 |
| 186 Tulsa Co | 133 | F03 | 12 | 11. | 13. | 21. | 24. | 28. | 44. | 46. | 46. | 46. | 26. | 10.64 | 24.30 | 1.53 |
| 186 Wagoner Co | 165 | F01 | 8 | 17. | 17. | 19. | 31. | 33. | 51. | 51. | 51. | 51. | 30. | 11.49 | 27.73 | 1.48 |
| 187 Clinton | 850 | F01 | 3 | 26. | 26. | 26. | 45. | 66. | 66. | 66. | 66. | 66. |  |  |  |  |
| 187 Guymon | 920 | F01 | 4 | 28. | 28. | 69. | 69. | 100. | 109. | 109. | 109. | 109. |  |  |  |  |
| 187 Roger Mills Co | 900 | F01 | 11 | 24. | 32. | 45. | 73. | 81. | 87. | 170. | 170. | 170. | 71. | 40.12 | 61.52 | 1.75 |
| 187 Woodward | 800 | F01 | 12 | 22. | 26. | 45. | 59. | 78. | 86. | 103. | 103. | 103. | 61. | 25.76 | 54.74 | 1.64 |
| 188 Ada | 345 | F01 | 2 | 22. | 22. | 22. | 22. | 50. | 50. | 50. | 50. | 50. |  |  |  |  |
| 188 Ardmore | 292 | F01 | 11 | 29. | 37. | 42. | 56. | 60. | 79. | 101. | 101. | 101. | 56. | 20.74 | 52.61 | 1.43 |
| 188 Durant | 381 | F01 | 14 | 30. | 31. | 49. | 52. | 71. | 111. | 276. | 276. | 276. | 73. | 62.17 | 60.63 | 1.76 |
| 188 Mc Alester | 410 | F01 | 4 | 28. | 28. | 31. | 31. | 46. | 71. | 71. | 71. | 71. |  |  |  |  |
| 188 Pauls Valley | 277 | F01 | 13 | 31. | 44. | 52. | 72. | 76. | 106. | 122. | 122. | 122. | 70. | 25.16 | 65.89 | 1.45 |
| 188 Seminole Co | 331 | F01 | 1 | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. |  |  |  |  |
| 189 Altus | 751 | F01 | 14 | 18. | 20. | 24. | 44. | 61. | 74. | 82. | 82. | 82. | 46. | 22.85 | 39.84 | 1.74 |
| 189 Duncan | 661 | F01 | 12 | 28. | 32. | 34. | 37. | 52. | 67. | 94. | 94. | 94. | 46. | 19.26 | 43.00 | 1.43 |
| 189 Hollis | 766 | F01 | 6 | 23. | 23. | 43. | 47. | 120. | 128. | 128. | 128. | 128. | 78. | 45.42 | 65.14 | 2.01 |
| 189 Lawton | 640 | F01 | 4 | 31. | 31. | 65. | 65. | 87. | 113. | 113. | 113. | 113. |  |  |  |  |
|  | 646 | F01 | 5 | 41. | 41. | 64. | 78. | 91. | 100. | 100. | 100. | 100. | 75. | 23.27 | 71.45 | 1.42 |
|  | 650 | F01 | 7 | 9. | 9. | 18. | 20. | 24. | 39. | 39. | 39. | 39. | 23. | 10.73 | 21.09 | 1.64 |
| **OREGON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 190 Bend | 001 | F01 | 14 | 13. | 24. | 37. | 44. | 69. | 114. | 145. | 145. | 145. | 60. | 39.22 | 48.82 | 1.96 |
| 190 The Dalles | 001 | F01 | 16 | 26. | 27. | 31. | 41. | 98. | 141. | 170. | 170. | 170. | 65. | 45.81 | 52.57 | 1.92 |
| 190 Eugene | 003 | F01 | 15 | 13. | 16. | 31. | 60. | 72. | 103. | 104. | 104. | 104. | 57. | 29.94 | 47.82 | 1.92 |
| 190 Klamath Falls | 001 | F01 | 16 | 26. | 26. | 43. | 53. | 90. | 128. | 230. | 230. | 230. | 73. | 52.34 | 60.11 | 1.87 |
| 191 Baker | 001 | F01 | 12 | 31. | 39. | 42. | 54. | 73. | 78. | 101. | 101. | 101. | 59. | 20.58 | 55.98 | 1.42 |
| 191 La Grande | 001 | F01 | 16 | 9. | 10. | 18. | 30. | 43. | 93. | 159. | 159. | 159. | 41. | 38.17 | 30.40 | 2.16 |
| 191 Pendleton | 001 | F01 | 11 | 36. | 41. | 47. | 66. | 71. | 108. | 163. | 163. | 163. | 71. | 36.66 | 64.78 | 1.56 |
| 191 Umatilla Co | 001 | F03 | 15 | 4. | 4. | 7. | 17. | 25. | 41. | 211. | 211. | 211. | 30. | 51.28 | 15.79 | 2.85 |
| 192 Astoria | 001 | F01 | 12 | 10. | 12. | 18. | 25. | 42. | 51. | 55. | 55. | 55. | 30. | 15.92 | 26.35 | 1.79 |
| 193 Albany | 002 | F01 | 15 | 12. | 14. | 23. | 25. | 30. | 54. | 59. | 59. | 59. | 29. | 13.93 | 26.55 | 1.57 |
| 193 Beaverton | 002 | F01 | 16 | 7. | 10. | 21. | 27. | 62. | 109. | 137. | 137. | 137. | 45. | 36.81 | 32.77 | 2.37 |
| 193 Clackamas Co | 002 | F01 | 16 | 6. | 7. | 10. | 32. | 43. | 97. | 108. | 108. | 108. | 40. | 34.17 | 26.56 | 2.71 |
|  | 003 | F01 | 15 | 11. | 12. | 22. | 39. | 40. | 79. | 106. | 106. | 106. | 39. | 36.64 | 31.78 | 2.00 |
| 193 Columbia Co | 005 | F02 | 15 | 6. | 8. | 12. | 20. | 28. | 35. | 38. | 38. | 38. | 20. | 10.78 | 17.33 | 1.85 |
| 193 Corvallis | 001 | F01 | 15 | 11. | 13. | 20. | 25. | 29. | 53. | 69. | 69. | 69. | 28. | 15.31 | 24.69 | 1.62 |
| 193 Cottage Grove | 001 | F01 | 15 | 16. | 20. | 27. | 33. | 41. | 67. | 80. | 80. | 80. | 38. | 17.53 | 34.72 | 1.54 |
| 193 Dallas | 002 | F01 | 15 | 18. | 22. | 28. | 32. | 36. | 48. | 76. | 76. | 76. | 35. | 13.98 | 33.27 | 1.42 |
| 193 Eugene | 004 | F03 | 14 | 5. | 7. | 14. | 16. | 18. | 23. | 53. | 53. | 53. | 17. | 11.74 | 14.51 | 1.82 |
|  | 008 | F01 | 10 | 6. | 6. | 13. | 20. | 23. | 34. | 50. | 50. | 50. | 21. | 13.17 | 17.86 | 1.94 |
| 193 Hillsboro | 002 | F03 | 15 | 3. | 5. | 13. | 16. | 29. | 64. | 89. | 89. | 89. | 26. | 24.65 | 17.85 | 2.57 |
| 193 Lake Oswego | 001 | F01 | 15 | 15. | 18. | 30. | 41. | 61. | 121. | 140. | 140. | 140. | 55. | 38.89 | 43.92 | 2.03 |
| 193 Lane Co | 003 | F01 | 15 | 11. | 11. | 19. | 29. | 45. | 56. | 138. | 138. | 138. | 38. | 31.84 | 29.45 | 2.02 |
| 193 Lebanon | 001 | F01 | 15 | 17. | 19. | 26. | 39. | 46. | 79. | 132. | 132. | 132. | 45. | 30.12 | 37.83 | 1.78 |
| 193 Mc Minnville | 002 | F01 | 15 | 6. | 9. | 16. | 27. | 34. | 57. | 61. | 61. | 61. | 29. | 16.88 | 23.90 | 1.96 |
| 193 Milwaukie | 001 | F01 | 16 | 7. | 12. | 19. | 29. | 44. | 69. | 70. | 70. | 70. | 34. | 20.46 | 28.25 | 1.96 |
| 193 Multnomah Co | 002 | F03 | 16 | 7. | 7. | 11. | 15. | 23. | 30. | 55. | 55. | 55. | 19. | 12.08 | 15.99 | 1.79 |
| 193 Oakridge | 001 | F01 | 14 | 28. | 28. | 37. | 45. | 55. | 81. | 84. | 84. | 84. | 49. | 18.60 | 45.86 | 1.45 |
| 193 Oregon City | 002 | F02 | 14 | 13. | 16. | 37. | 38. | 45. | 59. | 77. | 77. | 77. | 40. | 18.49 | 35.31 | 1.71 |
| 193 Portland | 001 | F01 | 5 | 11. | 11. | 35. | 61. | 74. | 74. | 74. | 74. | 74. | 51. | 27.42 | 41.64 | 2.27 |
|  | 003 | F01 | 14 | 15. | 15. | 30. | 31. | 47. | 57. | 84. | 84. | 84. | 37. | 18.62 | 32.97 | 1.65 |
|  | 011 | F02 | 16 | 16. | 24. | 34. | 55. | 83. | 106. | 132. | 132. | 132. | 62. | 34.89 | 52.85 | 1.87 |
|  | 015 | F02 | 13 | 30. | 34. | 56. | 76. | 82. | 94. | 127. | 127. | 127. | 71. | 27.30 | 65.77 | 1.55 |
|  | 023 | F02 | 16 | 14. | 20. | 40. | 51. | 92. | 110. | 110. | 110. | 110. | 61. | 32.54 | 52.07 | 1.89 |
|  | 036 | F02 | 15 | 15. | 15. | 33. | 53. | 70. | 117. | 161. | 161. | 161. | 57. | 40.54 | 45.05 | 2.08 |
|  | 068 | F02 | 15 | 10. | 10. | 28. | 35. | 46. | 66. | 162. | 162. | 162. | 44. | 36.39 | 34.80 | 2.01 |
|  | 076 | F03 | 12 | 5. | 5. | 7. | 8. | 14. | 34. | 35. | 35. | 35. | 14. | 10.74 | 10.78 | 1.99 |
|  | 077 | F01 | 15 | 15. | 20. | 23. | 48. | 53. | 72. | 72. | 72. | 72. | 43. | 21.38 | 38.07 | 1.73 |
| 193 St Helens | 003 | F02 | 15 | 8. | 10. | 17. | 25. | 30. | 45. | 49. | 49. | 49. | 25. | 13.20 | 21.84 | 1.79 |
| 193 Salem | 004 | F01 | 14 | 11. | 15. | 27. | 29. | 53. | 72. | 78. | 78. | 78. | 39. | 20.98 | 34.02 | 1.79 |
| 193 Springfield | 008 | F02 | 14 | 31. | 35. | 72. | 77. | 111. | 127. | 133. | 133. | 133. | 86. | 32.87 | 78.70 | 1.59 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **OREGON — Cont.** | | | | | | | | | | | | | | | | |
| | 009 | F01 | 14 | 27. | 32. | 47. | 64. | 72. | 103. | 105. | 105. | 105. | 63. | 22.87 | 58.22 | 1.50 |
| 193 Woodburn | 004 | F01 | 15 | 3. | 7. | 9. | 15. | 25. | 33. | 34. | 34. | 34. | 18. | 10.47 | 14.38 | 2.03 |
| 194 Ashland | 001 | F01 | 15 | 17. | 19. | 53. | 63. | 82. | 116. | 160. | 160. | 160. | 69. | 37.33 | 58.79 | 1.85 |
| 194 Coos Bay | 001 | F01 | 16 | 20. | 20. | 22. | 29. | 56. | 93. | 95. | 95. | 95. | 43. | 27.21 | 36.55 | 1.78 |
| 194 Curry Co | 001 | F02 | 6 | 24. | 24. | 30. | 40. | 72. | 138. | 138. | 138. | 138. | 60. | 41.93 | 50.07 | 1.89 |
| 194 Grants Pass | 001 | F01 | 16 | 24. | 34. | 37. | 47. | 77. | 169. | 175. | 175. | 175. | 68. | 45.35 | 57.81 | 1.77 |
| 194 Medford | 001 | F01 | 18 | 28. | 34. | 61. | 85. | 141. | 206. | 219. | 219. | 219. | 101. | 56.79 | 86.14 | 1.82 |
| 194 Roseburg | 001 | F01 | 12 | 21. | 29. | 46. | 49. | 64. | 77. | 89. | 89. | 89. | 53. | 19.88 | 49.32 | 1.52 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Bristol (borough) | 102 | F01 | 15 | 31. | 34. | 38. | 65. | 71. | 138. | 151. | 151. | 151. | 67. | 36.33 | 59.63 | 1.64 |
| 045 Bucks Co | 105 | F02 | 15 | 19. | 33. | 45. | 58. | 80. | 98. | 131. | 131. | 131. | 62. | 30.39 | 54.99 | 1.67 |
| | 109 | F01 | 13 | 17. | 17. | 22. | 35. | 43. | 53. | 64. | 64. | 64. | 35. | 15.00 | 31.61 | 1.56 |
| | 114 | F01 | 14 | 16. | 21. | 31. | 38. | 43. | 82. | 133. | 133. | 133. | 46. | 30.42 | 39.11 | 1.73 |
| 045 Chester (city) | 107 | F01 | 15 | 21. | 28. | 45. | 60. | 72. | 92. | 122. | 122. | 122. | 62. | 25.84 | 56.87 | 1.58 |
| 045 Chester Co | 115 | F02 | 13 | 51. | 53. | 73. | 76. | 119. | 192. | 312. | 312. | 312. | 109. | 73.04 | 93.57 | 1.70 |
| 045 Conshohocken | 112 | F01 | 10 | 54. | 54. | 67. | 77. | 108. | 136. | 137. | 137. | 137. | 91. | 28.99 | 86.41 | 1.38 |
| 045 Downingtown | 104 | F01 | 14 | 27. | 29. | 41. | 43. | 55. | 121. | 157. | 157. | 157. | 58. | 37.05 | 50.23 | 1.66 |
| 045 Lansdale | 111 | F03 | 12 | 32. | 33. | 44. | 54. | 63. | 82. | 87. | 87. | 87. | 56. | 17.30 | 53.35 | 1.38 |
| 045 Media | 106 | F01 | 15 | 37. | 38. | 50. | 59. | 65. | 94. | 126. | 126. | 126. | 62. | 23.79 | 58.07 | 1.41 |
| 045 Montgomery Co | 103 | F01 | 14 | 10. | 28. | 49. | 58. | 71. | 110. | 169. | 169. | 169. | 67. | 38.82 | 56.04 | 1.94 |
| 045 Perkasie | 108 | F01 | 14 | 12. | 21. | 31. | 34. | 39. | 58. | 99. | 99. | 99. | 39. | 21.57 | 34.88 | 1.67 |
| 045 Philadelphia | 002 | H01 | 12 | 57. | 76. | 99. | 122. | 130. | 206. | 254. | 254. | 254. | 132. | 55.54 | 121.62 | 1.52 |
| | 002 | F01 | 3 | 64. | 64. | 64. | 75. | 113. | 113. | 113. | 113. | 113. | | | | |
| | 003 | H01 | 67 | 35. | 49. | 61. | 74. | 93. | 127. | 140. | 168. | 168. | 81. | 29.95 | 76.21 | 1.43 |
| | 004 | H01 | 87 | 22. | 40. | [illegible] | 75. | 88. | 125. | 141. | 212. | 212. | 79. | 34.51 | 71.67 | 1.55 |
| | 004 | F01 | 3 | 44. | 44. | 44. | 51. | 61. | 61. | 61. | 61. | 61. | | | | |
| | 014 | H01 | 14 | 30. | 34. | 45. | 47. | 50. | 91. | 101. | 101. | 101. | 55. | 21.42 | 51.67 | 1.42 |
| | 019 | H01 | 13 | 37. | 55. | 99. | 110. | 133. | 189. | 239. | 239. | 239. | 119. | 52.95 | 108.27 | 1.62 |
| | 021 | H01 | 14 | 38. | 40. | 65. | 76. | 90. | 137. | 151. | 151. | 151. | 83. | 34.35 | 76.89 | 1.53 |
| | 022 | H01 | 15 | 54. | 54. | 74. | 92. | 107. | 163. | 227. | 227. | 227. | 103. | 47.32 | 94.65 | 1.50 |
| | 023 | H01 | 62 | 30. | 58. | 75. | 87. | 109. | 128. | 134. | 170. | 170. | 91. | 29.19 | 86.64 | 1.40 |
| | 024 | H01 | 13 | 28. | 30. | 43. | 61. | 70. | 91. | 187. | 187. | 187. | 67. | 41.38 | 58.74 | 1.68 |
| | 026 | H01 | 12 | 65. | 83. | 97. | 116. | 147. | 191. | 274. | 274. | 274. | 133. | 57.05 | 123.78 | 1.48 |
| | 027 | H01 | 10 | 55. | 55. | 77. | 103. | 125. | 164. | 211. | 211. | 211. | 116. | 50.12 | 106.26 | 1.56 |
| | 028 | H01 | 14 | 42. | 51. | 72. | 85. | 109. | 151. | 242. | 242. | 242. | 101. | 52.21 | 90.59 | 1.60 |
| 045 Phoenixville | 113 | F01 | 15 | 21. | 23. | 42. | 71. | 119. | 137. | 182. | 182. | 182. | 84. | 49.34 | 69.06 | 1.99 |
| 045 Pottstown | 101 | F01 | 13 | 20. | 24. | 33. | 66. | 73. | 92. | 108. | 108. | 108. | 59. | 26.57 | 53.11 | 1.69 |
| 045 Sharon | 622 | F01 | 12 | 32. | 56. | 61. | 65. | 83. | 93. | 163. | 163. | 163. | 76. | 32.05 | 71.05 | 1.47 |
| 045 Warminster | 001 | F01 | 3 | 14. | 14. | 14. | 38. | 40. | 40. | 40. | 40. | 40. | | | | |
| 045 West Chester | 001 | F01 | 3 | 26. | 26. | 26. | 33. | 34. | 34. | 34. | 34. | 34. | | | | |
| | 110 | F01 | 15 | 26. | 40. | 42. | 51. | 61. | 89. | 128. | 128. | 128. | 57. | 24.56 | 52.95 | 1.45 |
| 151 Allentown | 001 | F01 | 6 | 23. | 23. | 47. | 52. | 76. | 88. | 88. | 88. | 88. | 58. | 22.84 | 53.16 | 1.60 |
| | 701 | F01 | 15 | 29. | 31. | 44. | 53. | 63. | 101. | 155. | 155. | 155. | 62. | 32.70 | 55.87 | 1.57 |
| 151 Avoca | 210 | F03 | 15 | 17. | 19. | 30. | 40. | 48. | 65. | 70. | 70. | 70. | 40. | 15.26 | 37.06 | 1.50 |
| 151 Berks Co | 711 | F03 | 15 | 17. | 22. | 26. | 33. | 50. | 64. | 87. | 87. | 87. | 40. | 19.80 | 35.58 | 1.59 |
| | 716 | F01 | 13 | 31. | 34. | 55. | 64. | 84. | 158. | 239. | 239. | 239. | 83. | 57.14 | 70.80 | 1.76 |
| 151 Bethlehem | 703 | F01 | 13 | 34. | 41. | 56. | 72. | 93. | 126. | 126. | 136. | 126. | 75. | 28.91 | 70.25 | 1.48 |
| 151 Dickson City | 202 | F01 | 15 | 46. | 50. | 68. | 82. | 99. | 165. | 179. | 179. | 179. | 94. | 41.36 | 86.18 | 1.52 |
| 151 Easton | 704 | F01 | 15 | 30. | 31. | 50. | 57. | 72. | 108. | 207. | 207. | 207. | 69. | 44.41 | 60.20 | 1.68 |
| 151 Emmaus | 706 | F01 | 15 | 24. | 30. | 36. | 46. | 55. | 75. | 113. | 113. | 113. | 51. | 23.08 | 47.41 | 1.51 |
| 151 Hazleton | 001 | F01 | 5 | 65. | 65. | 85. | 140. | 142. | 299. | 299. | 299. | 299. | 146. | 91.85 | 126.85 | 1.79 |
| 151 Jessup | 203 | F02 | 15 | 26. | 31. | 48. | 60. | 69. | 89. | 145. | 145. | 145. | 63. | 28.55 | 57.51 | 1.53 |
| 151 Laureldale | 717 | F02 | 15 | 30. | 41. | 69. | 79. | 99. | 170. | 243. | 243. | 243. | 95. | 53.87 | 82.94 | 1.70 |
| 151 Luzerne Co | 209 | F01 | 15 | 36. | 37. | 60. | 84. | 91. | 112. | 118. | 118. | 118. | 78. | 25.62 | 73.30 | 1.45 |
| 151 Nanticoke | 206 | F01 | 14 | 21. | 28. | 40. | 47. | 53. | 79. | 108. | 108. | 108. | 50. | 21.86 | 46.48 | 1.50 |
| 151 Northampton | 705 | F02 | 15 | 27. | 29. | 48. | 60. | 72. | 151. | 167. | 167. | 167. | 71. | 43.05 | 61.20 | 1.77 |
| 151 Northampton Co | 702 | F02 | 15 | 20. | 23. | 35. | 44. | 56. | 78. | 132. | 132. | 132. | 51. | 28.87 | 44.69 | 1.66 |
| | 707 | F03 | 14 | 15. | 19. | 29. | 35. | 41. | 60. | 82. | 82. | 82. | 39. | 17.76 | 35.55 | 1.57 |
| 151 Pittston | 204 | F01 | 15 | 27. | 32. | 45. | 54. | 72. | 86. | 111. | 111. | 111. | 59. | 22.88 | 54.95 | 1.48 |
| 151 Reading | 001 | F01 | 4 | 37. | 37. | 53. | 53. | 66. | 84. | 84. | 84. | 84. | | | | |
| | 712 | F01 | 15 | 30. | 41. | 57. | 65. | 76. | 138. | 232. | 232. | 232. | 80. | 50.20 | 70.45 | 1.65 |
| | 715 | F02 | 15 | 27. | 29. | 50. | 60. | 70. | 107. | 181. | 181. | 181. | 68. | 37.96 | 60.69 | 1.62 |
| 151 Scranton | 001 | F01 | 7 | 11. | 11. | 216. | 244. | 257. | 747. | 747. | 747. | 747. | 257. | 238.93 | 149.57 | 3.95 |
| | 208 | F01 | 15 | 29. | 33. | 55. | 65. | 69. | 77. | 133. | 133. | 133. | 62. | 25.36 | 57.38 | 1.49 |
| 151 Shillington | 713 | F01 | 15 | 25. | 27. | 32. | 41. | 55. | 71. | 126. | 126. | 126. | 48. | 25.60 | 43.72 | 1.54 |
| 151 Sinking Spring | 714 | F01 | 14 | 20. | 24. | 40. | 52. | 65. | 102. | 119. | 119. | 119. | 56. | 28.79 | 49.06 | 1.70 |
| 151 Swoyersville | 205 | F01 | 13 | 136. | 154. | 249. | 273. | 443. | 963. | 1129. | 1129. | 1129. | 437. | 326.58 | 349.59 | 1.97 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **PENNSYLVANIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 151 Wilkes-Barre | 001 | P01 | 8 | 40. | 40. | 85. | 86. | 97. | 121. | 121. | 121. | 121. | 90. | 24.48 | 85.85 | 1.40 |
|  | 207 | F01 | 14 | 57. | 58. | 77. | 96. | 119. | 167. | 232. | 232. | 232. | 108. | 49.17 | 98.62 | 1.53 |
| 178 Erie | 002 | P01 | 1 | 77. | 77. | 77. | 77. | 77. | 77. | 77. | 77. | 77. |  |  |  |  |
|  | 601 | F01 | 12 | 12. | 15. | 18. | 31. | 46. | 50. | 57. | 57. | 57. | 33. | 15.95 | 29.14 | 1.73 |
|  | 602 | F01 | 15 | 39. | 49. | 65. | 69. | 91. | 135. | 140. | 140. | 140. | 82. | 32.50 | 76.37 | 1.47 |
|  | 603 | F01 | 15 | 40. | 45. | 55. | 62. | 88. | 147. | 181. | 181. | 181. | 80. | 40.74 | 72.62 | 1.56 |
|  | 604 | F02 | 15 | 24. | 46. | 59. | 70. | 73. | 126. | 127. | 127. | 127. | 73. | 28.65 | 67.38 | 1.52 |
| 178 Erie Co | 605 | F03 | 14 | 20. | 22. | 27. | 28. | 32. | 53. | 99. | 99. | 99. | 35. | 20.35 | 31.68 | 1.52 |
| 178 Farrell | 621 | F01 | 14 | 45. | 48. | 70. | 71. | 83. | 114. | 146. | 146. | 146. | 82. | 28.22 | 77.79 | 1.40 |
| 178 Lawrence Co | 502 | F02 | 15 | 68. | 75. | 115. | 145. | 239. | 420. | 574. | 574. | 574. | 215. | 152.95 | 173.70 | 1.93 |
| 178 New Castle | 501 | F01 | 15 | 56. | 60. | 63. | 106. | 138. | 210. | 338. | 338. | 338. | 124. | 77.54 | 106.54 | 1.72 |
| 195 Altoona | 001 | P01 | 6 | 18. | 18. | 61. | 83. | 149. | 161. | 161. | 161. | 161. | 94. | 53.88 | 76.26 | 2.22 |
|  | 821 | F01 | 15 | 22. | 46. | 55. | 74. | 95. | 133. | 145. | 145. | 145. | 79. | 33.94 | 71.38 | 1.62 |
|  | 822 | F01 | 15 | 27. | 46. | 60. | 78. | 97. | 136. | 241. | 241. | 241. | 92. | 52.11 | 80.73 | 1.69 |
| 195 Bethlehem | 002 | P01 | 2 | 38. | 38. | 38. | 38. | 48. | 48. | 48. | 48. | 48. |  |  |  |  |
| 195 Dale | 806 | F01 | 14 | 34. | 34. | 70. | 78. | 117. | 137. | 212. | 212. | 212. | 92. | 48.78 | 80.32 | 1.73 |
| 195 East Conemaugh | 804 | F01 | 15 | 38. | 75. | 95. | 120. | 166. | 214. | 328. | 328. | 328. | 139. | 72.62 | 123.23 | 1.69 |
| 195 Johnstown | 802 | F02 | 15 | 37. | 38. | 51. | 76. | 98. | 131. | 252. | 252. | 252. | 86. | 54.41 | 74.45 | 1.71 |
|  | 803 | F01 | 15 | 37. | 43. | 72. | 101. | 111. | 146. | 181. | 181. | 181. | 95. | 40.09 | 86.67 | 1.58 |
|  | 805 | F01 | 15 | 22. | 32. | 44. | 56. | 70. | 89. | 142. | 142. | 142. | 61. | 29.29 | 55.22 | 1.59 |
| 195 Williamsport | 401 | F01 | 15 | 34. | 49. | 58. | 84. | 92. | 137. | 141. | 141. | 141. | 80. | 30.46 | 74.76 | 1.48 |
|  | 402 | F01 | 15 | 35. | 38. | 59. | 66. | 68. | 85. | 132. | 132. | 132. | 67. | 22.67 | 64.19 | 1.37 |
| 196 Cumberland Co | 307 | F03 | 14 | 19. | 21. | 32. | 34. | 40. | 80. | 119. | 119. | 119. | 43. | 26.38 | 37.75 | 1.61 |
| 196 Dauphin Co | 302 | F01 | 15 | 24. | 25. | 39. | 50. | 67. | 94. | 144. | 144. | 144. | 58. | 31.72 | 51.06 | 1.66 |
|  | 305 | F01 | 15 | 21. | 24. | 42. | 52. | 65. | 85. | 149. | 149. | 149. | 57. | 31.27 | 50.24 | 1.64 |
| 196 Harrisburg | 001 | P01 | 1 | 53. | 53. | 53. | 53. | 53. | 53. | 53. | 53. | 53. |  |  |  |  |
|  | 306 | F01 | 13 | 30. | 32. | 41. | 59. | 69. | 114. | 151. | 151. | 151. | 64. | 34.27 | 57.64 | 1.60 |
| 196 Lancaster City | 001 | P01 | 1 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  |  |  |  |
|  | 312 | F01 | 15 | 34. | 37. | 53. | 76. | 80. | 108. | 157. | 157. | 157. | 73. | 33.07 | 66.36 | 1.57 |
|  | 314 | F02 | 15 | 30. | 31. | 57. | 70. | 84. | 98. | 165. | 165. | 165. | 71. | 33.46 | 64.25 | 1.58 |
|  | 315 | F01 | 15 | 34. | 34. | 53. | 60. | 92. | 125. | 212. | 212. | 212. | 76. | 46.08 | 66.26 | 1.65 |
| 196 Lancaster Co | 311 | F01 | 14 | 8. | 23. | 34. | 43. | 60. | 74. | 120. | 120. | 120. | 50. | 28.31 | 42.10 | 1.95 |
|  | 313 | F01 | 15 | 25. | 30. | 41. | 63. | 81. | 103. | 211. | 211. | 211. | 70. | 46.43 | 59.66 | 1.77 |
|  | 316 | F01 | 15 | 24. | 25. | 40. | 48. | 61. | 85. | 137. | 137. | 137. | 55. | 30.00 | 48.70 | 1.63 |
|  | 317 | F01 | 15 | 24. | 24. | 37. | 45. | 57. | 81. | 138. | 138. | 138. | 51. | 29.30 | 45.51 | 1.62 |
| 196 Lemoyne | 304 | F01 | 15 | 30. | 37. | 58. | 77. | 113. | 155. | 170. | 170. | 170. | 84. | 43.53 | 73.82 | 1.70 |
| 196 Middletown | 301 | F02 | 15 | 22. | 31. | 44. | 66. | 72. | 115. | 249. | 249. | 249. | 74. | 55.39 | 61.50 | 1.83 |
| 196 Steelton | 303 | F02 | 15 | 37. | 42. | 92. | 113. | 181. | 238. | 278. | 278. | 278. | 139. | 74.26 | 118.72 | 1.85 |
| 196 West York | 321 | F01 | 15 | 32. | 34. | 41. | 69. | 76. | 145. | 205. | 205. | 205. | 75. | 48.37 | 63.92 | 1.75 |
|  | 325 | F02 | 15 | 38. | 46. | 68. | 94. | 107. | 208. | 277. | 277. | 277. | 106. | 64.50 | 92.00 | 1.72 |
| 196 York | 001 | P01 | 4 | 52. | 52. | 61. | 61. | 65. | 144. | 144. | 144. | 144. |  |  |  |  |
|  | 322 | F01 | 15 | 34. | 40. | 52. | 70. | 81. | 91. | 228. | 228. | 228. | 75. | 45.95 | 66.95 | 1.57 |
| 196 York Co | 323 | F01 | 15 | 25. | 28. | 42. | 44. | 64. | 104. | 153. | 153. | 153. | 59. | 33.89 | 51.82 | 1.64 |
|  | 324 | F03 | 15 | 17. | 18. | 27. | 33. | 48. | 77. | 102. | 102. | 102. | 42. | 24.32 | 36.88 | 1.71 |
|  | 326 | F01 | 15 | 17. | 18. | 26. | 31. | 50. | 113. | 153. | 153. | 153. | 49. | 39.03 | 38.58 | 1.94 |
| 197 Allegheny Co | 064 | G01 | 26 | 17. | 46. | 61. | 82. | 147. | 294. | 414. | 490. | 490. | 131. | 116.68 | 96.30 | 2.20 |
|  | 065 | G01 | 10 | 55. | 55. | 64. | 78. | 87. | 92. | 118. | 118. | 118. | 80. | 18.12 | 78.33 | 1.25 |
|  | 066 | G01 | 13 | 14. | 45. | 48. | 58. | 80. | 114. | 195. | 195. | 195. | 73. | 44.54 | 62.03 | 1.84 |
|  | 067 | G01 | 12 | 30. | 33. | 47. | 59. | 70. | 78. | 81. | 81. | 81. | 58. | 17.07 | 54.99 | 1.39 |
|  | 068 | G01 | 13 | 29. | 30. | 44. | 63. | 77. | 98. | 102. | 102. | 102. | 64. | 23.86 | 59.32 | 1.51 |
|  | 084 | G01 | 26 | 17. | 53. | 64. | 87. | 127. | 177. | 202. | 279. | 279. | 102. | 57.41 | 87.71 | 1.78 |
|  | 085 | G01 | 13 | 11. | 31. | 37. | 39. | 58. | 60. | 70. | 70. | 70. | 44. | 15.51 | 40.19 | 1.59 |
| 197 Ambridge | 507 | F01 | 12 | 55. | 74. | 79. | 88. | 96. | 156. | 290. | 290. | 290. | 109. | 62.85 | 98.05 | 1.54 |
| 197 Baden | 508 | F01 | 13 | 65. | 77. | 100. | 164. | 195. | 279. | 328. | 328. | 328. | 166. | 77.26 | 149.57 | 1.62 |
| 197 Beaver Co | 503 | F01 | 15 | 54. | 67. | 72. | 76. | 91. | 235. | 321. | 321. | 321. | 106. | 73.36 | 92.64 | 1.62 |
|  | 505 | F01 | 15 | 18. | 48. | 57. | 68. | 91. | 177. | 251. | 251. | 251. | 88. | 58.19 | 73.83 | 1.84 |
|  | 510 | F03 | 14 | 29. | 41. | 55. | 64. | 75. | 146. | 179. | 179. | 179. | 76. | 40.60 | 67.67 | 1.60 |
| 197 Beaver Falls | 504 | F01 | 15 | 24. | 42. | 51. | 57. | 64. | 140. | 280. | 280. | 280. | 75. | 62.26 | 62.18 | 1.75 |
| 197 Bellevue | 001 | G01 | 1 | 197 | 197. | 197 | 197. | 197. | 197. | 197. | 197. | 197. |  |  | . |  |
| 197 Braddock | 001 | G01 | 26 | 54. | 77. | 106. | 138. | 173. | 278. | 367. | 487. | 487. | 162. | 97.37 | 140.76 | 1.69 |
|  | 002 | G01 | 27 | 52. | 59. | 96. | 108. | 136. | 200. | 274. | 404. | 404. | 128. | 73.39 | 113.68 | 1.59 |
| 197 Brownsville | 515 | F01 | 15 | 50. | 54. | 79. | 90. | 109. | 149. | 186. | 186. | 186. | 100. | 39.25 | 93.68 | 1.47 |
| 197 Clairton | 001 | G01 | 24 | 38. | 55. | 79. | 91. | 142. | 173. | 214. | 261. | 261. | 110. | 56.06 | 97.75 | 1.63 |
| 197 Duquesne | 001 | G01 | 26 | 46. | 67. | 86. | 93. | 126. | 152. | 155. | 200. | 200. | 106. | 36.09 | 100.66 | 1.41 |
| 197 Glassport | 001 | G01 | 11 | 47. | 54. | 59. | 64. | 87. | 140. | 143. | 143. | 143. | 82. | 33.83 | 76.03 | 1.47 |
| 197 Midland | 509 | F02 | 15 | 54. | 61. | 108. | 157. | 224. | 244. | 364. | 364. | 364. | 174. | 104.05 | 146.34 | 1.86 |
| 197 Monessen | 512 | F01 | 13 | 70. | 78. | 88. | 127. | 232. | 297. | 302. | 302. | 302. | 158. | 84.91 | 139.08 | 1.70 |
| 197 Pittsburgh | 001 | P01 | 5 | 59. | 59. | 65. | 101. | 111. | 126. | 126. | 126. | 126. | 92. | 29.22 | 88.46 | 1.40 |
|  | 005 | G01 | 27 | 45. | 60. | 82. | 100. | 120. | 164. | 185. | 234. | 234. | 107. | 42.49 | 99.36 | 1.46 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PENNSYLVANIA — Cont.** | | | | | | | | | | | | | | | | |
| | 006 | G01 | 30 | 57. | 73. | 88. | 106. | 142. | 180. | 228. | 386. | 386. | 127. | 65.13 | 115.21 | 1.52 |
| | 012 | G01 | 19 | 1. | 64. | 91. | 107. | 122. | 183. | 211. | 211. | 211. | 108. | 44.17 | 81.87 | 3.56 |
| | 017 | G01 | 30 | 59. | 86. | 132. | 168. | 208. | 299. | 336. | 484. | 484. | 187. | 89.23 | 168.92 | 1.57 |
| | 019 | G01 | 13 | 55. | 55. | 62. | 68. | 74. | 95. | 127. | 127. | 127. | 73. | 20.50 | 71.28 | 1.28 |
| 197 Rochester | 506 | F01 | 14 | 24. | 43. | 61. | 66. | 75. | 216. | 241. | 241. | 241. | 92. | 64.35 | 76.30 | 1.86 |
| 197 Springdale | 002 | G01 | 13 | 35. | 37. | 40. | 48. | 56. | 63. | 171. | 171. | 171. | 58. | 35.19 | 52.26 | 1.50 |
| 197 Washington Co | 511 | F02 | 15 | 55. | 57. | 80. | 94. | 163. | 205. | 320. | 320. | 320. | 128. | 73.82 | 111.48 | 1.71 |
| | 513 | F02 | 14 | 33. | 37. | 51. | 53. | 74. | 94. | 110. | 110. | 110. | 63. | 21.97 | 59.67 | 1.41 |
| | 514 | F01 | 14 | 33. | 34. | 59. | 69. | 77. | 103. | 114. | 114. | 114. | 68. | 22.83 | 64.65 | 1.43 |
| 197 West Mifflin | 001 | G01 | 28 | 25. | 47. | 56. | 63. | 73. | 95. | 106. | 120. | 120. | 68. | 20.47 | 65.18 | 1.37 |
| 197 Westmoreland Co | 516 | F01 | 15 | 23. | 28. | 37. | 50. | 67. | 77. | 105. | 105. | 105. | 52. | 23.37 | 47.82 | 1.57 |
| **PUERTO RICO** | | | | | | | | | | | | | | | | |
| 244 Bayamon | 003 | F01 | 7 | 69. | 69. | 78. | 96. | 104. | 140. | 140. | 140. | 140. | 96. | 25.99 | 92.97 | 1.30 |
| 244 Catano | 004 | F01 | 14 | 39. | 42. | 75. | 79. | 98. | 148. | 200. | 200. | 200. | 97. | 45.89 | 87.98 | 1.60 |
| | 005 | F01 | 11 | 41. | 67. | 79. | 168. | 189. | 266. | 837. | 837. | 837. | 203. | 222.01 | 142.85 | 2.29 |
| 244 Guayanilla Co | 001 | F01 | 11 | 40. | 46. | 55. | 79. | 88. | 95. | 153. | 153. | 153. | 77. | 31.91 | 72.10 | 1.48 |
| | 002 | F01 | 7 | 32. | 32. | 47. | 51. | 52. | 63. | 63. | 63. | 63. | 49. | 12.42 | 47.10 | 1.32 |
| | 003 | F01 | 13 | 29. | 42. | 47. | 55. | 65. | 69. | 71. | 71. | 71. | 55. | 12.20 | 53.63 | 1.29 |
| 244 Guaynabo Co | 001 | F01 | 5 | 60. | 60. | 62. | 94. | 133. | 140. | 140. | 140. | 140. | 98. | 37.90 | 91.78 | 1.50 |
| | 001 | F01 | 7 | 47. | 47. | 73. | 78. | 89. | 136. | 136. | 136. | 136. | 82. | 29.64 | 77.93 | 1.43 |
| | 002 | F01 | 14 | 18. | 95. | 135. | 166. | 205. | 296. | 320. | 320. | 320. | 175. | 84.23 | 147.49 | 2.05 |
| 244 Penuelas | 002 | F01 | 10 | 38. | 38. | 47. | 54. | 63. | 65. | 75. | 75. | 75. | 55. | 11.63 | 53.90 | 1.24 |
| 244 Ponce | 002 | F01 | 12 | 53. | 54. | 57. | 67. | 104. | 109. | 110. | 110. | 110. | 78. | 23.14 | 74.94 | 1.34 |
| | 002 | F01 | 8 | 31. | 31. | 51. | 52. | 66. | 67. | 67. | 67. | 67. | 55. | 12.22 | 53.47 | 1.29 |
| 244 Sabana Seca | 001 | F01 | 5 | 66. | 66. | 66. | 78. | 86. | 93. | 93. | 93. | 93. | 78. | 12.01 | 77.06 | 1.17 |
| | 001 | F01 | 8 | 49. | 49. | 54. | 60. | 62. | 116. | 116. | 116. | 116. | 66. | 21.64 | 63.97 | 1.32 |
| 244 San Juan Co | 001 | F01 | 7 | 51. | 51. | 74. | 78. | 83. | 99. | 99. | 99. | 99. | 78. | 16.16 | 76.59 | 1.25 |
| | 001 | F01 | 7 | 43. | 43. | 57. | 58. | 66. | 80. | 80. | 80. | 80. | 61. | 13.37 | 59.58 | 1.25 |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | |
| 120 Bristol | 001 | F01 | 14 | 26. | 30. | 39. | 42. | 56. | 63. | 67. | 67. | 67. | 46. | 13.35 | 43.09 | 1.35 |
| 120 Burrillville | 001 | F01 | 13 | 20. | 22. | 27. | 38. | 61. | 76. | 135. | 135. | 135. | 49. | 31.62 | 41.65 | 1.76 |
| 120 Cranston | 001 | F01 | 10 | 35. | 35. | 44. | 45. | 97. | 108. | 114. | 114. | 114. | 68. | 32.29 | 61.22 | 1.61 |
| | 002 | F01 | 13 | 22. | 27. | 35. | 47. | 65. | 81. | 90. | 90. | 90. | 51. | 20.86 | 46.62 | 1.53 |
| 120 East Providence | 001 | F01 | 7 | 39. | 39. | 50. | 55. | 61. | 90. | 90. | 90. | 90. | 59. | 16.86 | 56.81 | 1.31 |
| | 003 | F01 | 13 | 28. | 33. | 42. | 47. | 66. | 84. | 85. | 85. | 85. | 54. | 19.54 | 51.06 | 1.43 |
| | 005 | F01 | 13 | 20. | 30. | 33. | 37. | 54. | 55. | 78. | 78. | 78. | 43. | 15.12 | 40.51 | 1.42 |
| 120 Narragansett | 002 | F01 | 14 | 11. | 17. | 27. | 29. | 35. | 54. | 75. | 75. | 75. | 34. | 16.24 | 30.85 | 1.61 |
| 120 Newport | 001 | F01 | 14 | 19. | 26. | 34. | 38. | 45. | 55. | 68. | 68. | 68. | 40. | 12.65 | 37.97 | 1.39 |
| 120 North Kingstown | 002 | F01 | 15 | 15. | 19. | 27. | 32. | 42. | 47. | 68. | 68. | 68. | 34. | 13.40 | 32.06 | 1.48 |
| 120 Pawtucket | 002 | F01 | 9 | 21. | 21. | 32. | 35. | 53. | 75. | 75. | 75. | 75. | 42. | 16.47 | 39.43 | 1.47 |
| 120 Providence | 001 | F01 | 7 | 34. | 34. | 85. | 92. | 95. | 124. | 124. | 124. | 124. | 83. | 30.02 | 77.04 | 1.56 |
| | 005 | F01 | 15 | 35. | 36. | 57. | 59. | 87. | 102. | 114. | 114. | 114. | 68. | 25.40 | 64.17 | 1.46 |
| | 006 | F01 | 9 | 12. | 12. | 52. | 71. | 73. | 114. | 114. | 114. | 114. | 65. | 30.13 | 55.71 | 1.95 |
| | 007 | F01 | 15 | 49. | 53. | 80. | 98. | 138. | 185. | 233. | 233. | 233. | 115. | 53.44 | 104.04 | 1.58 |
| | 008 | F01 | 13 | 28. | 31. | 38. | 43. | 52. | 71. | 125. | 125. | 125. | 50. | 25.58 | 45.74 | 1.49 |
| 120 Tiverton | 001 | F01 | 15 | 21. | 24. | 43. | 48. | 57. | 85. | 113. | 113. | 113. | 52. | 24.08 | 47.31 | 1.58 |
| 120 Warwick | 002 | F01 | 15 | 23. | 40. | 54. | 60. | 67. | 86. | 121. | 121. | 121. | 63. | 22.87 | 59.33 | 1.46 |
| 120 Washington Co | 002 | F03 | 7 | 13. | 13. | 18. | 21. | 34. | 36. | 36. | 36. | 36. | 25. | 10.08 | 22.75 | 1.54 |
| 120 Westerly | 002 | F01 | 12 | 8. | 9. | 30. | 49. | 78. | 110. | 145. | 145. | 145. | 60. | 40.82 | 44.67 | 2.51 |
| 120 Woonsocket | 001 | F01 | 11 | 37. | 44. | 48. | 61. | 100. | 121. | 124. | 124. | 124. | 76. | 33.90 | 69.32 | 1.58 |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 053 Aiken | 001 | F01 | 14 | 6. | 7. | 13. | 30. | 35. | 50. | 82. | 82. | 82. | 30. | 21.67 | 22.88 | 2.29 |
| 053 Aiken Co | 001 | F01 | 9 | 24. | 24. | 33. | 47. | 62. | 95. | 95. | 95. | 95. | 49. | 23.04 | 44.77 | 1.59 |
| 053 Allendale | 001 | F01 | 10 | 28. | 28. | 33. | 40. | 61. | 82. | 88. | 88. | 88. | 52. | 21.40 | 47.95 | 1.50 |
| 053 North Augusta | 001 | F01 | 56 | 19. | 28. | 49. | 58. | 68. | 85. | 103. | 126. | 126. | 58. | 22.54 | 53.93 | 1.52 |
| 053 Orangeburg | 001 | F01 | 15 | 21. | 24. | 32. | 45. | 49. | 77. | 78. | 78. | 78. | 45. | 17.41 | 42.02 | 1.49 |
| 058 Beaufort | 001 | F01 | 40 | 17. | 25. | 41. | 49. | 62. | 68. | 95. | 99. | 99. | 52. | 19.68 | 48.22 | 1.51 |
| | 006 | F01 | 15 | 13. | 17. | 27. | 35. | 38. | 55. | 56. | 56. | 56. | 34. | 13.21 | 31.49 | 1.54 |
| 058 Beaufort Co | 001 | F01 | 15 | 18. | 21. | 32. | 38. | 45. | 66. | 67. | 67. | 67. | 39. | 15.80 | 36.35 | 1.51 |
| | 002 | F01 | 14 | 18. | 19. | 24. | 26. | 30. | 42. | 44. | 44. | 44. | 28. | 7.90 | 26.82 | 1.31 |
| 058 Jasper Co | 001 | F01 | 15 | 24. | 36. | 50. | 64. | 76. | 95. | 109. | 109. | 109. | 65. | 24.07 | 59.93 | 1.52 |
| 167 Chester Co | 001 | F01 | 15 | 15. | 17. | 26. | 31. | 37. | 49. | 79. | 79. | 79. | 34. | 16.13 | 30.88 | 1.55 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **SOUTH CAROLINA—Con.** | | | | | | | | | | | | | | | | |
| 167 Lancaster | 001 | F01 | 15 | 20. | 20. | 28. | 35. | 47. | 64. | 64. | 64. | 64. | 39. | 15.38 | 36.61 | 1.50 |
| 167 Rock Hill | 001 | F01 | 14 | 16. | 18. | 26. | 39. | 52. | 66. | 69. | 69. | 69. | 41. | 18.41 | 37.16 | 1.64 |
| | 004 | F01 | 66 | 11. | 26. | 53. | 70. | 99. | 132. | 145. | 166. | 166. | 77. | 38.60 | 65.94 | 1.83 |
| 167 York | 001 | F01 | 15 | 14. | 17. | 30. | 49. | 67. | 77. | 88. | 88. | 88. | 48. | 22.93 | 42.03 | 1.74 |
| 167 York Co | 001 | F03 | 14 | 10. | 17. | 32. | 35. | 49. | 71. | 82. | 82. | 82. | 41. | 19.92 | 36.17 | 1.75 |
| 198 Bishopville | 001 | F01 | 12 | 25. | 35. | 50. | 56. | 67. | 90. | 120. | 120. | 120. | 61. | 25.63 | 55.98 | 1.53 |
| 198 Camden | 001 | F01 | 14 | 34. | 37. | 53. | 55. | 77. | 112. | 173. | 173. | 173. | 73. | 37.38 | 65.86 | 1.57 |
| 198 Sumter | 001 | F01 | 14 | 6. | 25. | 48. | 56. | 75. | 111. | 117. | 117. | 117. | 62. | 32.13 | 51.35 | 2.14 |
| | 002 | F01 | 14 | 30. | 32. | 42. | 49. | 70. | 101. | 141. | 141. | 141. | 63. | 31.37 | 56.70 | 1.58 |
| | 003 | F01 | 15 | 13. | 28. | 61. | 64. | 102. | 175. | 188. | 188. | 188. | 85. | 53.53 | 69.26 | 2.05 |
| 199 Berkeley Co | 001 | F01 | 16 | 24. | 26. | 32. | 38. | 53. | 64. | 78. | 78. | 78. | 44. | 15.33 | 41.30 | 1.41 |
| 199 Charleston | 001 | G01 | 13 | 33. | 34. | 40. | 56. | 61. | 61. | 65. | 65. | 65. | 51. | 11.34 | 50.16 | 1.28 |
| 199 Charleston Co | 003 | F02 | 16 | 21. | 27. | 48. | 53. | 71. | 85. | 95. | 95. | 95. | 56. | 20.66 | 51.96 | 1.52 |
| | 037 | F01 | 15 | 31. | 31. | 41. | 56. | 73. | 79. | 92. | 92. | 92. | 56. | 18.96 | 53.39 | 1.42 |
| | 038 | F01 | 87 | 28. | 50. | 80. | 106. | 138. | 174. | 187. | 229. | 229. | 111. | 46.40 | 101.07 | 1.59 |
| | 039 | F02 | 30 | 18. | 36. | 52. | 85. | 112. | 159. | 213. | 286. | 286. | 94. | 58.43 | 78.26 | 1.87 |
| 199 Dorchester Co | 001 | F01 | 15 | 15. | 19. | 25. | 34. | 66. | 74. | 105. | 105. | 105. | 46. | 26.65 | 39.12 | 1.83 |
| 199 Mount Pleasant | 001 | F01 | 15 | 23. | 26. | 31. | 35. | 41. | 73. | 80. | 80. | 80. | 40. | 16.31 | 37.31 | 1.42 |
| 200 Columbia | 003 | F01 | 15 | 28. | 28. | 33. | 41. | 62. | 74. | 87. | 87. | 87. | 50. | 19.99 | 46.67 | 1.49 |
| | 004 | F01 | 11 | 19. | 21. | 34. | 42. | 66. | 78. | 81. | 81. | 81. | 50. | 23.81 | 44.53 | 1.71 |
| | 005 | F01 | 11 | 17. | 30. | 34. | 38. | 49. | 53. | 60. | 60. | 60. | 41. | 12.36 | 39.00 | 1.42 |
| | 006 | F01 | 14 | 24. | 30. | 36. | 45. | 56. | 78. | 78. | 78. | 78. | 49. | 17.47 | 45.80 | 1.44 |
| | 011 | F01 | 13 | 25. | 26. | 29. | 37. | 48. | 61. | 77. | 77. | 77. | 41. | 15.65 | 39.04 | 1.42 |
| 200 Newberry | 001 | F01 | 15 | 20. | 23. | 33. | 41. | 51. | 62. | 75. | 75. | 75. | 43. | 15.25 | 40.19 | 1.45 |
| 200 Richland Co | 002 | F03 | 10 | 17. | 17. | 18. | 30. | 32. | 48. | 108. | 108. | 108. | 37. | 26.90 | 31.39 | 1.75 |
| | 003 | F01 | 56 | 16. | 29. | 47. | 61. | 71. | 92. | 113. | 139. | 139. | 61. | 25.98 | 55.82 | 1.59 |
| 200 West Columbia | 001 | F01 | 14 | 31. | 32. | 39. | 41. | 69. | 79. | 86. | 86. | 86. | 52. | 19.77 | 49.02 | 1.45 |
| 201 Darlington | 001 | F01 | 15 | 28. | 36. | 63. | 80. | 103. | 199. | 231. | 231. | 231. | 93. | 56.54 | 79.82 | 1.79 |
| 201 Dillon | 001 | F01 | 14 | 28. | 43. | 70. | 70. | 124. | 131. | 146. | 146. | 146. | 87. | 38.20 | 78.22 | 1.64 |
| 201 Florence | 001 | F01 | 14 | 32. | 34. | 39. | 41. | 65. | 96. | 119. | 119. | 119. | 57. | 26.26 | 52.58 | 1.53 |
| 202 Anderson | 001 | F01 | 15 | 19. | 21. | 30. | 34. | 55. | 84. | 86. | 86. | 86. | 45. | 21.60 | 40.20 | 1.61 |
| 202 Anderson Co | 001 | F03 | 15 | 10. | 12. | 15. | 24. | 30. | 40. | 56. | 56. | 56. | 25. | 12.60 | 22.61 | 1.65 |
| 202 Gaffney | 001 | F01 | 14 | 17. | 21. | 38. | 47. | 62. | 93. | 127. | 127. | 127. | 54. | 29.84 | 46.84 | 1.75 |
| 202 Greenville | 001 | F01 | 67 | 13. | 31. | 37. | 49. | 63. | 84. | 91. | 122. | 122. | 54. | 23.29 | 49.13 | 1.56 |
| | 002 | F01 | 15 | 21. | 33. | 41. | 48. | 70. | 101. | 106. | 106. | 106. | 57. | 25.13 | 52.05 | 1.56 |
| | 003 | F01 | 15 | 17. | 18. | 24. | 32. | 48. | 51. | 56. | 56. | 56. | 35. | 13.76 | 32.63 | 1.53 |
| 202 Greenville Co | 001 | F01 | 15 | 10. | 17. | 26. | 31. | 54. | 75. | 99. | 99. | 99. | 41. | 25.15 | 34.95 | 1.85 |
| | 002 | F01 | 16 | 6. | 8. | 20. | 27. | 48. | 59. | 63. | 63. | 63. | 33. | 17.64 | 27.99 | 1.97 |
| | 003 | F03 | 15 | 6. | 8. | 14. | 15. | 19. | 29. | 37. | 37. | 37. | 18. | 8.22 | 16.16 | 1.61 |
| | 006 | F01 | 15 | 11. | 15. | 22. | 31. | 40. | 56. | 67. | 67. | 67. | 34. | 16.90 | 29.61 | 1.71 |
| 202 Greer | 001 | F01 | 15 | 12. | 17. | 29. | 35. | 52. | 66. | 69. | 69. | 69. | 38. | 17.49 | 34.01 | 1.66 |
| 202 Pickens | 001 | F01 | 16 | 13. | 15. | 32. | 41. | 72. | 75. | 78. | 78. | 78. | 46. | 22.56 | 39.89 | 1.77 |
| 202 Simpsonville | 001 | F01 | 14 | 10. | 15. | 23. | 27. | 39. | 52. | 70. | 70. | 70. | 32. | 16.32 | 28.34 | 1.69 |
| 202 Spartanburg | 001 | F01 | 15 | 25. | 31. | 41. | 51. | 54. | 69. | 125. | 125. | 125. | 53. | 23.49 | 49.47 | 1.46 |
| | 003 | F01 | 15 | 16. | 19. | 33. | 47. | 59. | 82. | 114. | 114. | 114. | 49. | 27.16 | 42.61 | 1.77 |
| | 004 | F01 | 15 | 16. | 21. | 27. | 39. | 81. | 155. | 158. | 158. | 158. | 63. | 51.65 | 47.35 | 2.16 |
| | 006 | F01 | 15 | 14. | 14. | 26. | 34. | 38. | 56. | 61. | 61. | 61. | 34. | 13.98 | 30.78 | 1.56 |
| 202 Spartanburg Co | 001 | F01 | 15 | 11. | 13. | 26. | 32. | 46. | 63. | 69. | 69. | 69. | 36. | 18.12 | 31.28 | 1.77 |
| | 002 | F03 | 15 | 15. | 16. | 18. | 26. | 37. | 57. | 71. | 71. | 71. | 32. | 17.76 | 28.19 | 1.68 |
| | 004 | F01 | 15 | 11. | 16. | 26. | 38. | 48. | 59. | 128. | 128. | 128. | 42. | 27.78 | 35.31 | 1.82 |
| 202 Woodruff | 001 | F01 | 15 | 13. | 15. | 23. | 35. | 45. | 61. | 99. | 99. | 99. | 37. | 22.80 | 31.68 | 1.80 |
| 203 Greenwood | 001 | F01 | 14 | 13. | 17. | 28. | 36. | 44. | 55. | 79. | 79. | 79. | 38. | 16.94 | 34.52 | 1.60 |
| 203 Laurens | 001 | F01 | 14 | 13. | 20. | 31. | 42. | 53. | 73. | 133. | 133. | 133. | 48. | 30.36 | 40.62 | 1.82 |
| 204 Conway | 006 | F01 | 13 | 32. | 35. | 49. | 76. | 82. | 88. | 109. | 109. | 109. | 67. | 23.50 | 62.38 | 1.47 |
| 204 Georgetown | 001 | F01 | 15 | 39. | 39. | 68. | 98. | 111. | 118. | 157. | 157. | 157. | 91. | 32.41 | 84.73 | 1.50 |
| | 002 | F01 | 27 | 35. | 46. | 63. | 79. | 96. | 119. | 122. | 272. | 272. | 86. | 44.35 | 78.86 | 1.52 |
| | 003 | F05 | 14 | 31. | 35. | 41. | 70. | 86. | 120. | 260. | 260. | 260. | 81. | 59.05 | 67.69 | 1.81 |
| | 005 | F05 | 25 | 30. | 37. | 55. | 67. | 95. | 137. | 169. | 183. | 183. | 79. | 39.56 | 70.38 | 1.61 |
| | 006 | F01 | 27 | 31. | 48. | 67. | 97. | 124. | 154. | 155. | 196. | 196. | 99. | 41.18 | 89.99 | 1.57 |
| **SOUTH DAKOTA** | | | | | | | | | | | | | | | | |
| 087 Sioux Falls | 001 | P01 | 7 | 35. | 35. | 41. | 50. | 59. | 287. | 287. | 287. | 287. | 82. | 91.00 | 60.76 | 2.07 |
| | 002 | F01 | 13 | 24. | 26. | 30. | 47. | 54. | 77. | 106. | 106. | 106. | 48. | 22.97 | 43.69 | 1.55 |
| | 003 | F01 | 14 | 23. | 31. | 32. | 37. | 41. | 69. | 112. | 112. | 112. | 45. | 23.36 | 41.50 | 1.52 |
| 205 Black Hills Nat Forest | 001 | P03 | 13 | 3. | 3. | 4. | 6. | 8. | 15. | 17. | 17. | 17. | 7. | 4.41 | 5.93 | 1.75 |
| 205 Pennington Co | 001 | F03 | 12 | 3. | 8. | 10. | 10. | 22. | 67. | 94. | 94. | 94. | 28. | 30.17 | 16.83 | 2.80 |
| 205 Rapid City | 001 | F01 | 13 | 47. | 58. | 64. | 137. | 190. | 260. | 473. | 473. | 473. | 152. | 116.44 | 121.59 | 1.98 |
| | 002 | F01 | 13 | 26. | 38. | 49. | 62. | 91. | 129. | 157. | 157. | 157. | 75. | 37.31 | 66.57 | 1.65 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **SOUTH DAKOTA—Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 003 | F02 | 15 | 18. | 21. | 53. | 79. | 97. | 111. | 127. | 127. | 127. | 74. | 33.64 | 64.17 | 1.83 |
|  | 004 | F02 | 14 | 62. | 68. | 120. | 140. | 188. | 343. | 354. | 354. | 354. | 180. | 101.54 | 155.07 | 1.78 |
| 205 Spearfish | 001 | F02 | 7 | 6. | 6. | 11. | 15. | 16. | 27. | 27. | 27. | 27. | 15. | 7.44 | 13.58 | 1.71 |
| 206 Aberdeen | 001 | F01 | 13 | 27. | 30. | 38. | 48. | 73. | 90. | 115. | 115. | 115. | 57. | 26.06 | 51.63 | 1.55 |
| 206 Brookings | 001 | F01 | 14 | 6. | 17. | 21. | 26. | 33. | 48. | 225. | 225. | 225. | 40. | 54.14 | 27.83 | 2.17 |
| 206 Harding Co | 002 | F03 | 13 | 1. | 3. | 6. | 9. | 10. | 13. | 16. | 16. | 16. | 8. | 4.32 | 6.29 | 2.49 |
|  | 003 | F03 | 4 | 6. | 6. | 9. | 9. | 15. | 28. | 28. | 28. | 28. |  |  |  |  |
| 206 Huron | 001 | F01 | 10 | 23. | 23. | 31. | 33. | 45. | 90. | 241. | 241. | 241. | 63. | 66.13 | 47.12 | 2.06 |
| 206 Mitchell | 001 | F01 | 11 | 27. | 27. | 29. | 36. | 49. | 80. | 169. | 169. | 169. | 55. | 42.66 | 45.39 | 1.80 |
| 206 Pierre | 001 | F01 | 12 | 18. | 23. | 30. | 45. | 71. | 80. | 96. | 96. | 96. | 52. | 26.17 | 45.23 | 1.74 |
| 206 Watertown | 001 | F01 | 15 | 17. | 21. | 28. | 42. | 50. | 183. | 678. | 678. | 678. | 89. | 167.72 | 46.21 | 2.59 |
| 206 Yankton | 001 | F03 | 14 | 19. | 20. | 32. | 43. | 62. | 72. | 148. | 148. | 148. | 53. | 33.86 | 44.31 | 1.83 |
| **TENNESSEE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 007 Cookeville | 001 | F01 | 15 | 6. | 18. | 34. | 51. | 59. | 75. | 115. | 115. | 115. | 49. | 26.19 | 41.02 | 2.01 |
|  | 002 | F01 | 16 | 3. | 7. | 19. | 22. | 36. | 61. | 68. | 68. | 68. | 29. | 17.88 | 22.78 | 2.21 |
| 007 Crossville | 001 | F01 | 15 | 2. | 6. | 16. | 21. | 29. | 43. | 63. | 63. | 63. | 24. | 16.26 | 17.97 | 2.38 |
| 007 Mc Minnville | 001 | F01 | 15 | 15. | 20. | 30. | 36. | 47. | 62. | 89. | 89. | 89. | 40. | 19.63 | 36.16 | 1.61 |
| 007 Marion Co | 001 | F01 | 11 | 24. | 30. | 36. | 43. | 54. | 69. | 78. | 78. | 78. | 47. | 16.85 | 44.76 | 1.44 |
| 007 Nashville | 004 | G01 | 12 | 23. | 27. | 46. | 49. | 56. | 119. | 173. | 173. | 173. | 62. | 43.01 | 52.75 | 1.78 |
| 007 Tullahoma | 001 | F01 | 14 | 11. | 16. | 39. | 47. | 66. | 100. | 124. | 124. | 124. | 55. | 33.42 | 44.86 | 2.03 |
|  | 002 | F01 | 15 | 7. | 11. | 20. | 24. | 30. | 47. | 47. | 47. | 47. | 26. | 12.76 | 22.89 | 1.76 |
| 018 Collierville | 001 | G01 | 14 | 29. | 32. | 50. | 62. | 66. | 88. | 108. | 108. | 108. | 60. | 22.37 | 55.97 | 1.48 |
| 018 Memphis | 013 | G01 | 14 | 27. | 44. | 72. | 79. | 88. | 120. | 144. | 144. | 144. | 82. | 30.08 | 75.84 | 1.53 |
|  | 014 | G01 | 14 | 25. | 26. | 62. | 63. | 70. | 86. | 114. | 114. | 114. | 63. | 23.59 | 57.85 | 1.54 |
|  | 016 | G01 | 13 | 30. | 41. | 47. | 83. | 98. | 109. | 126. | 126. | 126. | 77. | 29.91 | 71.05 | 1.56 |
|  | 018 | G01 | 12 | 21. | 42. | 53. | 65. | 73. | 82. | 139. | 139. | 139. | 65. | 28.45 | 60.09 | 1.57 |
|  | 021 | G01 | 14 | 20. | 25. | 51. | 63. | 69. | 96. | 146. | 146. | 146. | 64. | 30.87 | 57.64 | 1.65 |
|  | 022 | G01 | 14 | 19. | 22. | 45. | 52. | 61. | 80. | 80. | 80. | 80. | 52. | 18.90 | 47.89 | 1.54 |
|  | 023 | G01 | 12 | 18. | 23. | 47. | 51. | 74. | 97. | 132. | 132. | 132. | 63. | 32.57 | 54.87 | 1.78 |
|  | 024 | G01 | 14 | 31. | 54. | 92. | 96. | 118. | 146. | 225. | 225. | 225. | 104. | 45.95 | 95.16 | 1.60 |
| 018 Shelby Co | 001 | G01 | 14 | 14. | 23. | 35. | 44. | 54. | 91. | 95. | 95. | 95. | 49. | 24.28 | 43.05 | 1.70 |
|  | 002 | G01 | 14 | 12. | 12. | 28. | 36. | 42. | 48. | 51. | 51. | 51. | 34. | 12.81 | 31.36 | 1.61 |
| 055 Chattanooga | 006 | G01 | 13 | 19. | 29. | 41. | 50. | 57. | 76. | 93. | 93. | 93. | 50. | 19.52 | 46.61 | 1.51 |
|  | 015 | G01 | 15 | 26. | 32. | 38. | 41. | 66. | 85. | 105. | 105. | 105. | 54. | 23.56 | 50.00 | 1.51 |
|  | 017 | G01 | 14 | 12. | 14. | 21. | 25. | 31. | 58. | 58. | 58. | 58. | 29. | 14.05 | 26.11 | 1.58 |
|  | 019 | G01 | 15 | 23. | 25. | 41. | 55. | 88. | 100. | 148. | 148. | 148. | 64. | 35.38 | 55.83 | 1.76 |
|  | 020 | G01 | 15 | 22. | 28. | 59. | 73. | 92. | 99. | 106. | 106. | 106. | 71. | 25.19 | 65.05 | 1.57 |
|  | 021 | G01 | 15 | 9. | 11. | 14. | 26. | 29. | 38. | 41. | 41. | 41. | 24. | 10.45 | 22.08 | 1.63 |
|  | 024 | G01 | 89 | 17. | 28. | 50. | 69. | 95. | 138. | 159. | 197. | 197. | 78. | 42.43 | 66.67 | 1.80 |
| 055 East Ridge | 001 | G01 | 14 | 17. | 18. | 31. | 38. | 49. | 66. | 91. | 91. | 91. | 42. | 20.43 | 37.19 | 1.64 |
| 055 Hamilton Co | 002 | G01 | 13 | 16. | 18. | 28. | 38. | 45. | 53. | 69. | 69. | 69. | 37. | 15.57 | 34.02 | 1.57 |
| 055 Red Bank | 003 | G01 | 9 | 21. | 21. | 43. | 49. | 61. | 95. | 95. | 95. | 95. | 51. | 21.67 | 47.21 | 1.58 |
| 055 Signal Mountain | 001 | G01 | 12 | 11. | 18. | 26. | 39. | 50. | 61. | 66. | 66. | 66. | 40. | 18.13 | 35.03 | 1.74 |
| 120 Nashville | 006 | G01 | 15 | 36. | 61. | 71. | 82. | 95. | 139. | 206. | 206. | 206. | 93. | 42.10 | 85.58 | 1.52 |
|  | 016 | G01 | 14 | 18. | 21. | 35. | 43. | 47. | 71. | 78. | 78. | 78. | 43. | 18.39 | 39.46 | 1.56 |
|  | 017 | G01 | 13 | 22. | 23. | 39. | 47. | 86. | 108. | 123. | 123. | 123. | 59. | 34.51 | 50.62 | 1.80 |
| 207 Alcoa | 001 | F01 | 15 | 26. | 29. | 43. | 65. | 85. | 139. | 141. | 141. | 141. | 69. | 36.84 | 60.59 | 1.73 |
| 207 Athens | 001 | F01 | 15 | 15. | 25. | 40. | 47. | 68. | 77. | 82. | 82. | 82. | 51. | 20.13 | 46.55 | 1.59 |
| 207 Bristol | 002 | F01 | 13 | 17. | 57. | 70. | 119. | 132. | 274. | 326. | 326. | 326. | 127. | 85.53 | 102.24 | 2.09 |
|  | 003 | F01 | 13 | 14. | 30. | 46. | 86. | 103. | 105. | 135. | 135. | 135. | 77. | 35.83 | 66.22 | 1.92 |
| 207 Cleveland | 001 | F01 | 15 | 13. | 18. | 32. | 52. | 67. | 114. | 152. | 152. | 152. | 57. | 37.78 | 46.65 | 1.96 |
|  | 002 | F01 | 13 | 11. | 17. | 25. | 42. | 60. | 81. | 104. | 104. | 104. | 46. | 27.13 | 38.59 | 1.91 |
| 207 Clinton | 002 | F01 | 15 | 17. | 23. | 39. | 50. | 80. | 98. | 99. | 99. | 99. | 57. | 27.74 | 50.81 | 1.70 |
| 207 Elizabethton | 001 | F01 | 14 | 18. | 27. | 35. | 57. | 63. | 78. | 109. | 109. | 109. | 53. | 24.05 | 47.88 | 1.62 |
| 207 Greeneville | 001 | F01 | 11 | 16. | 20. | 32. | 38. | 56. | 104. | 120. | 120. | 120. | 54. | 34.85 | 44.82 | 1.92 |
|  | 002 | F01 | 11 | 14. | 17. | 34. | 49. | 72. | 88. | 102. | 102. | 102. | 53. | 29.21 | 45.27 | 1.91 |
| 207 Harriman | 002 | F01 | 15 | 17. | 25. | 42. | 63. | 76. | 98. | 113. | 113. | 113. | 60. | 27.12 | 53.42 | 1.69 |
| 207 Johnson City | 002 | F01 | 13 | 25. | 44. | 50. | 81. | 125. | 140. | 164. | 164. | 164. | 86. | 42.42 | 75.86 | 1.72 |
| 207 Kingsport | 001 | F01 | 7 | 15. | 15. | 70. | 75. | 86. | 107. | 107. | 107. | 107. | 71. | 32.57 | 61.30 | 1.99 |
|  | 002 | F01 | 4 | 45. | 45. | 88. | 88. | 150. | 224. | 224. | 224. | 224. |  |  |  |  |
| 207 Kingston | 002 | F01 | 15 | 10. | 28. | 39. | 54. | 59. | 96. | 104. | 104. | 104. | 55. | 24.51 | 48.67 | 1.75 |
| 207 Knox Co | 012 | G01 | 14 | 6. | 6. | 14. | 19. | 28. | 42. | 43. | 43. | 43. | 23. | 13.65 | 18.47 | 2.09 |
|  | 013 | G01 | 13 | 4. | 8. | 15. | 17. | 27. | 34. | 55. | 55. | 55. | 21. | 13.43 | 17.46 | 2.01 |
| 207 Knoxville | 003 | G01 | 14 | 18. | 18. | 39. | 40. | 56. | 90. | 110. | 110. | 110. | 50. | 26.88 | 43.67 | 1.73 |
|  | 005 | G01 | 14 | 19. | 19. | 44. | 49. | 66. | 116. | 136. | 136. | 136. | 63. | 37.44 | 53.13 | 1.89 |
|  | 006 | G01 | 10 | 10. | 10. | 40. | 47. | 64. | 79. | 90. | 90. | 90. | 52. | 23.64 | 45.67 | 1.86 |
|  | 007 | G01 | 13 | 23. | 23. | 38. | 50. | 85. | 107. | 116. | 116. | 116. | 61. | 31.78 | 53.44 | 1.75 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **TENNESSEE — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 008 | G01 | 14 | 17. | 25. | 41. | 45. | 76. | 113. | 134. | 134. | 134. | 58. | 35.87 | 48.98 | 1.87 |
|  | 011 | G01 | 58 | 22. | 40. | 68. | 89. | 117. | 165. | 183. | 216. | 216. | 96. | 47.14 | 84.34 | 1.72 |
| 207 La Follette | 001 | F01 | 15 | 20. | 30. | 65. | 94. | 136. | 165. | 195. | 195. | 195. | 100. | 51.40 | 85.20 | 1.90 |
| 207 Maryville | 001 | F01 | 15 | 21. | 26. | 42. | 63. | 80. | 119. | 139. | 139. | 139. | 65. | 36.33 | 56.16 | 1.78 |
| 207 Morristown | 001 | F01 | 15 | 23. | 40. | 53. | 78. | 127. | 245. | 258. | 258. | 258. | 108. | 79.40 | 84.19 | 2.08 |
|  | 002 | F01 | 15 | 16. | 17. | 33. | 47. | 55. | 87. | 96. | 96. | 96. | 49. | 23.70 | 43.56 | 1.71 |
| 207 Oak Ridge | 002 | F01 | 15 | 15. | 26. | 37. | 43. | 77. | 107. | 115. | 115. | 115. | 58. | 31.12 | 49.65 | 1.79 |
| 207 Polk Co | 001 | F01 | 12 | 29. | 38. | 47. | 58. | 85. | 90. | 140. | 140. | 140. | 69. | 30.40 | 62.87 | 1.55 |
| 207 Rockwood | 002 | F01 | 15 | 13. | 27. | 46. | 69. | 105. | 160. | 198. | 198. | 198. | 82. | 54.67 | 64.77 | 2.13 |
| 208 Clarksville | 001 | F01 | 15 | 11. | 16. | 30. | 37. | 44. | 49. | 69. | 69. | 69. | 35. | 15.13 | 31.65 | 1.64 |
|  | 002 | F01 | 15 | 6. | 23. | 32. | 47. | 65. | 75. | 88. | 88. | 88. | 47. | 22.91 | 39.63 | 1.96 |
| 208 Columbia | 001 | F01 | 15 | 8. | 12. | 14. | 39. | 47. | 70. | 104. | 104. | 104. | 42. | 27.75 | 30.66 | 2.23 |
|  | 002 | F01 | 16 | 20. | 29. | 52. | 68. | 88. | 160. | 181. | 181. | 181. | 81. | 45.31 | 69.26 | 1.79 |
| 208 Fayetteville | 001 | F01 | 14 | 5. | 16. | 33. | 36. | 59. | 98. | 103. | 103. | 103. | 47. | 29.92 | 36.94 | 2.25 |
| 208 Franklin | 001 | F01 | 15 | 6. | 15. | 28. | 42. | 56. | 90. | 103. | 103. | 103. | 45. | 27.40 | 36.81 | 2.10 |
| 208 Gallatin | 002 | F01 | 15 | 10. | 11. | 34. | 46. | 68. | 88. | 99. | 99. | 99. | 50. | 26.80 | 41.47 | 2.00 |
| 208 Lawrenceburg | 001 | F01 | 14 | 4. | 10. | 17. | 25. | 37. | 50. | 52. | 52. | 52. | 28. | 15.74 | 22.85 | 2.09 |
| 208 Lebanon | 001 | F01 | 14 | 8. | 21. | 32. | 45. | 69. | 98. | 105. | 105. | 105. | 55. | 31.14 | 44.66 | 2.08 |
| 208 Murfreesboro | 001 | F01 | 15 | 7. | 10. | 26. | 35. | 48. | 57. | 65. | 65. | 65. | 35. | 17.78 | 29.80 | 1.94 |
|  | 002 | F01 | 15 | 5. | 22. | 39. | 48. | 50. | 60. | 104. | 104. | 104. | 45. | 22.43 | 38.76 | 1.99 |
| 208 Nashville | 002 | G01 | 15 | 26. | 28. | 45. | 61. | 79. | 80. | 123. | 123. | 123. | 61. | 25.64 | 55.57 | 1.55 |
|  | 003 | G01 | 14 | 22. | 27. | 38. | 49. | 53. | 66. | 69. | 69. | 69. | 46. | 14.60 | 43.47 | 1.42 |
|  | 005 | G01 | 15 | 28. | 40. | 46. | 66. | 85. | 118. | 121. | 121. | 121. | 70. | 29.53 | 64.29 | 1.55 |
|  | 007 | G01 | 15 | 31. | 32. | 52. | 97. | 114. | 145. | 175. | 175. | 175. | 90. | 45.63 | 77.65 | 1.81 |
|  | 008 | G01 | 12 | 24. | 25. | 31. | 34. | 46. | 69. | 91. | 91. | 91. | 42. | 19.81 | 38.84 | 1.50 |
|  | 010 | G01 | 50 | 17. | 30. | 51. | 63. | 77. | 113. | 144. | 157. | 157. | 70. | 32.88 | 61.92 | 1.66 |
|  | 011 | G01 | 15 | 20. | 34. | 48. | 57. | 75. | 111. | 114. | 114. | 114. | 64. | 28.46 | 58.11 | 1.61 |
|  | 012 | G01 | 12 | 27. | 36. | 52. | 63. | 75. | 112. | 160. | 160. | 160. | 72. | 37.33 | 64.38 | 1.64 |
|  | 015 | G01 | 15 | 17. | 20. | 33. | 37. | 41. | 56. | 69. | 69. | 69. | 38. | 13.71 | 35.87 | 1.44 |
|  | 018 | G01 | 10 | 14. | 14. | 24. | 26. | 30. | 60. | 88. | 88. | 88. | 35. | 22.30 | 30.42 | 1.70 |
|  | 019 | G01 | 14 | 12. | 14. | 22. | 32. | 45. | 51. | 134. | 134. | 134. | 39. | 30.30 | 32.25 | 1.88 |
|  | 020 | G01 | 15 | 12. | 18. | 26. | 30. | 35. | 45. | 48. | 48. | 48. | 30. | 10.00 | 28.70 | 1.44 |
| 208 Shelbyville | 001 | F01 | 13 | 10. | 15. | 27. | 34. | 65. | 82. | 86. | 86. | 86. | 43. | 26.31 | 35.37 | 1.94 |
| 208 Springfield | 001 | F01 | 15 | 17. | 19. | 42. | 56. | 66. | 86. | 89. | 89. | 89. | 53. | 22.52 | 48.03 | 1.67 |
| 209 Dyersburg | 001 | F01 | 15 | 16. | 18. | 26. | 28. | 45. | 58. | 141. | 141. | 141. | 40. | 30.74 | 33.42 | 1.74 |
|  | 002 | F01 | 15 | 14. | 21. | 22. | 36. | 40. | 62. | 139. | 139. | 139. | 40. | 30.04 | 34.19 | 1.73 |
| 209 Humboldt | 001 | F01 | 15 | 5. | 14. | 20. | 26. | 37. | 50. | 96. | 96. | 96. | 31. | 21.51 | 25.50 | 1.96 |
| 209 Jackson | 001 | F01 | 11 | 11. | 17. | 36. | 51. | 62. | 70. | 78. | 78. | 78. | 48. | 22.01 | 41.96 | 1.87 |
|  | 002 | F01 | 15 | 10. | 31. | 37. | 63. | 82. | 140. | 202. | 202. | 202. | 71. | 48.78 | 57.21 | 2.06 |
| 209 Paris | 001 | F01 | 14 | 20. | 30. | 53. | 65. | 108. | 135. | 182. | 182. | 182. | 81. | 47.07 | 67.48 | 1.91 |
|  | 002 | F01 | 13 | 7. | 14. | 21. | 30. | 38. | 68. | 80. | 80. | 80. | 33. | 20.39 | 28.13 | 1.88 |
| 209 Trenton | 001 | F01 | 9 | 19. | 19. | 26. | 35. | 53. | 105. | 105. | 105. | 105. | 44. | 27.37 | 38.06 | 1.74 |
| 209 Union City | 001 | F01 | 15 | 24. | 27. | 32. | 54. | 61. | 88. | 115. | 115. | 115. | 55. | 26.92 | 48.80 | 1.64 |
| **TEXAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 022 Mount Pleasant | 001 | F01 | 7 | 30. | 30. | 43. | 59. | 62. | 103. | 103. | 103. | 103. | 58. | 25.87 | 52.95 | 1.57 |
| 022 Texarkana | 001 | F01 | 12 | 30. | 31. | 64. | 78. | 88. | 121. | 133. | 133. | 133. | 78. | 30.79 | 71.49 | 1.58 |
| 022 Tyler | 002 | F01 | 12 | 5. | 22. | 39. | 45. | 60. | 69. | 111. | 111. | 111. | 49. | 26.46 | 40.42 | 2.17 |
| 106 Beaumont | 001 | F01 | 2 | 48. | 48. | 48. | 48. | 125. | 125. | 125. | 125. | 125. |  |  |  |  |
| 106 Nederland | 003 | F01 | 9 | 20. | 20. | 36. | 40. | 61. | 76. | 76. | 76. | 76. | 46. | 18.71 | 42.89 | 1.52 |
| 106 West Orange | 001 | F01 | 11 | 23. | 28. | 35. | 41. | 45. | 77. | 114. | 114. | 114. | 48. | 26.06 | 43.47 | 1.57 |
| 153 El Paso | 002 | F01 | 4 | 51. | 51. | 91. | 91. | 101. | 147. | 147. | 147. | 147. |  |  |  |  |
|  | 002 | P01 | 7 | 58. | 58. | 85. | 123. | 173. | 250. | 250. | 250. | 250. | 133. | 72.21 | 116.45 | 1.78 |
|  | 027 | F01 | 6 | 56. | 56. | 56. | 61. | 86. | 98. | 98. | 98. | 98. | 72. | 17.37 | 70.16 | 1.27 |
|  | 028 | F01 | 7 | 29. | 29. | 51. | 55. | 74. | 183. | 183. | 183. | 183. | 79. | 54.03 | 66.23 | 1.87 |
| 153 El Paso Co | 005 | F01 | 13 | 32. | 32. | 61. | 68. | 78. | 133. | 141. | 141. | 141. | 74. | 32.64 | 67.46 | 1.56 |
| 210 Wichita Falls | 002 | F01 | 8 | 44. | 44. | 63. | 65. | 79. | 91. | 91. | 91. | 91. | 67. | 16.15 | 65.59 | 1.29 |
|  | 002 | P01 | 3 | 48. | 48. | 48. | 69. | 91. | 91. | 91. | 91. | 91. |  |  |  |  |
| 211 Amarillo | 002 | P01 | 2 | 63. | 63. | 63. | 63. | 103. | 103. | 103. | 103. | 103. |  |  |  |  |
| 211 Lubbock | 001 | F01 | 9 | 32. | 32. | 39. | 55. | 58. | 129. | 129. | 129. | 129. | 58. | 29.28 | 52.87 | 1.52 |
|  | 001 | P01 | 2 | 32. | 32. | 32. | 32. | 42. | 42. | 42. | 42. | 42. |  |  |  |  |
| 212 Austin | 010 | F01 | 14 | 18. | 31. | 34. | 42. | 56. | 61. | 125. | 125. | 125. | 49. | 25.50 | 44.42 | 1.58 |
|  | 010 | P01 | 3 | 53. | 53. | 53. | 60. | 61. | 61. | 61. | 61. | 61. |  |  |  |  |
|  | 012 | F01 | 7 | 26. | 26. | 38. | 42. | 43. | 84. | 84. | 84. | 84. | 46. | 19.68 | 43.35 | 1.48 |
| 213 Harlingen | 001 | F01 | 12 | 38. | 62. | 75. | 93. | 121. | 127. | 131. | 131. | 131. | 93. | 30.32 | 87.33 | 1.46 |
| 214 Corpus Christi | 001 | F01 | 14 | 42. | 47. | 81. | 95. | 98. | 119. | 121. | 121. | 121. | 86. | 27.12 | 81.09 | 1.44 |
|  | 001 | P01 | 3 | 53. | 53. | 53. | 99. | 102. | 102. | 102. | 102. | 102. |  |  |  |  |
|  | 003 | F01 | 15 | 20. | 36. | 51. | 63. | 80. | 114. | 115. | 115. | 115. | 67. | 28.38 | 60.98 | 1.60 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **TEXAS — Cont.** | | | | | | | | | | | | | | | | |
| | 019 | F01 | 11 | 44. | 49. | 65. | 92. | 102. | 114. | 133. | 133. | 133. | 85. | 28.88 | 80.29 | 1.44 |
| 215 Dallas | 002 | P01 | 8 | 36. | 36. | 75. | 91. | 140. | 225. | 225. | 225. | 225. | 112. | 61.89 | 96.78 | 1.82 |
| | 045 | F01 | 13 | 9. | 23. | 27. | 36. | 46. | 53. | 88. | 88. | 88. | 39. | 18.99 | 34.80 | 1.72 |
| 215 Fort Worth | 001 | F01 | 3 | 58. | 58. | 58. | 60. | 92. | 92. | 92. | 92. | 92. | | | | |
| | 001 | P01 | 8 | 35. | 35. | 47. | 53. | 83. | 93. | 93. | 93. | 93. | 64. | 21.35 | 60.48 | 1.42 |
| 216 Alvin | 001 | F01 | 12 | 13. | 27. | 32. | 35. | 53. | 72. | 124. | 124. | 124. | 48. | 28.80 | 41.54 | 1.76 |
| 216 Clute City | 003 | F01 | 8 | 12. | 12. | 39. | 58. | 76. | 179. | 179. | 179. | 179. | 66. | 51.83 | 50.10 | 2.32 |
| 216 Harris Co | 003 | F01 | 5 | 26. | 26. | 47. | 63. | 65. | 123. | 123. | 123. | 123. | 65. | 36.10 | 57.26 | 1.76 |
| | 004 | F02 | 11 | 42. | 45. | 55. | 70. | 74. | 128. | 148. | 148. | 148. | 77. | 33.71 | 71.50 | 1.49 |
| | 005 | F01 | 13 | 18. | 23. | 33. | 54. | 79. | 101. | 142. | 142. | 142. | 58. | 36.03 | 49.17 | 1.85 |
| | 024 | F01 | 2 | 53. | 53. | 53. | 53. | 99. | 99. | 99. | 99. | 99. | | | | |
| 216 Houston | 001 | P01 | 8 | 23. | 23. | 69. | 70. | 113. | 141. | 141. | 141. | 141. | 83. | 39.59 | 73.64 | 1.79 |
| | 034 | F01 | 7 | 28. | 28. | 46. | 75. | 82. | 94. | 94. | 94. | 94. | 64. | 27.15 | 58.74 | 1.63 |
| 216 Matagorda Co | 001 | P03 | 7 | 18. | 18. | 21. | 21. | 26. | 52. | 52. | 52. | 52. | 27. | 11.75 | 25.00 | 1.43 |
| 216 Pasadena | 002 | P01 | 7 | 38. | 38. | 61. | 66. | 108. | 143. | 143. | 143. | 143. | 85. | 39.29 | 77.31 | 1.62 |
| | 006 | F01 | 9 | 24. | 24. | 36. | 43. | 52. | 112. | 112. | 112. | 112. | 52. | 30.01 | 45.65 | 1.68 |
| 216 Texas City | 002 | F01 | 6 | 33. | 33. | 34. | 38. | 79. | 104. | 104. | 104. | 104. | | | | |
| 217 Eagle Pass | 003 | F01 | 14 | 91. | 93. | 107. | 133. | 188. | 311. | 320. | 320. | 320. | 166. | 77.30 | 151.05 | 1.54 |
| 217 San Antonio | 035 | P01 | 5 | 11. | 11. | 19. | 23. | 44. | 78. | 78. | 78. | 78. | 35. | 26.87 | 27.83 | 2.13 |
| | 036 | F01 | 11 | 17. | 30. | 42. | 48. | 57. | 68. | 70. | 70. | 70. | 48. | 16.46 | 44.73 | 1.52 |
| 218 Odessa | 001 | F01 | 15 | 55. | 55. | 72. | 93. | 109. | 143. | 262. | 262. | 262. | 100. | 52.10 | 91.03 | 1.52 |
| 218 San Angelo | 001 | F01 | 2 | 55. | 55. | 55. | 55. | 55. | 55. | 55. | 55. | 55. | | | | |
| 218 Tom Green Co | 001 | P03 | 3 | 41. | 41. | 41. | 47. | 76. | 76. | 76. | 76. | 76. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 014 Emery Co | 003 | P03 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 014 Kane Co | 002 | F03 | 76 | 2. | 5. | 10. | 13. | 17. | 28. | 40. | 342. | 342. | 21. | 42.62 | 13.47 | 2.17 |
| 220 Davis Co | 001 | P05 | 14 | 15. | 18. | 29. | 34. | 48. | 111. | 220. | 220. | 220. | 57. | 55.44 | 42.39 | 2.13 |
| 220 Lehi | 001 | F01 | 74 | 17. | 26. | 38. | 50. | 102. | 160. | 217. | 267. | 267. | 78. | 61.60 | 60.76 | 2.01 |
| 220 Magna | 001 | F02 | 81 | 17. | 25. | 48. | 77. | 141. | 318. | 597. | 1456. | 1456. | 150. | 215.47 | 85.73 | 2.69 |
| | 901 | P02 | 5 | 41. | 41. | 92. | 98. | 119. | 570. | 570. | 570. | 570. | | | | |
| 220 Ogden | 001 | F01 | 90 | 23. | 32. | 51. | 72. | 110. | 168. | 228. | 325. | 325. | 92. | 59.75 | 75.95 | 1.85 |
| | 001 | P01 | 3 | 13. | 13. | 13. | 33. | 54. | 54. | 54. | 54. | 54. | 33. | 20.50 | 28.51 | 2.06 |
| 220 Orem | 001 | F01 | 68 | 18. | 28. | 53. | 67. | 116. | 156. | 172. | 201. | 201. | 85. | 48.53 | 71.03 | 1.87 |
| 220 Pleasant Grove | 001 | F01 | 81 | 11. | 21. | 34. | 54. | 98. | 198. | 240. | 859. | 859. | 94. | 110.64 | 62.34 | 2.41 |
| 220 Provo | 001 | F01 | 87 | 26. | 34. | 58. | 84. | 116. | 176. | 187. | 226. | 226. | 95. | 52.19 | 81.03 | 1.81 |
| 220 Salt Lake City | 001 | F01 | 89 | 22. | 46. | 70. | 85. | 132. | 203. | 251. | 335. | 335. | 108. | 67.14 | 91.27 | 1.79 |
| | 001 | P01 | 14 | 18. | 31. | 55. | 58. | 71. | 135. | 180. | 180. | 180. | 74. | 44.40 | 62.62 | 1.82 |
| | 006 | P05 | 26 | 23. | 28. | 45. | 61. | 85. | 150. | 174. | 245. | 245. | 76. | 51.08 | 63.82 | 1.80 |
| 220 Utah Co | 001 | F01 | 74 | 16. | 22. | 37. | 64. | 98. | 204. | 256. | 359. | 359. | 87. | 74.71 | 63.39 | 2.24 |
| | 002 | F01 | 67 | 6. | 16. | 27. | 38. | 61. | 107. | 128. | 154. | 154. | 51. | 36.55 | 40.21 | 2.06 |
| | 003 | F02 | 83 | 13. | 26. | 33. | 44. | 72. | 135. | 146. | 216. | 216. | 62. | 44.04 | 50.69 | 1.88 |
| **VERMONT** | | | | | | | | | | | | | | | | |
| 159 Addison Co | 001 | F02 | 6 | 13. | 13. | 15. | 20. | 31. | 38. | 38. | 38. | 38. | | | | |
| 159 Burlington | 003 | F01 | 9 | 65. | 65. | 82. | 90. | 101. | 143. | 143. | 143. | 143. | 95. | 23.82 | 92.34 | 1.27 |
| 159 Rutland | 001 | F01 | 15 | 63. | 68. | 91. | 129. | 146. | 170. | 312. | 312. | 312. | 131. | 62.54 | 119.29 | 1.55 |
| | 002 | F01 | 15 | 5. | 7. | 26. | 33. | 52. | 73. | 96. | 96. | 96. | 40. | 26.26 | 30.26 | 2.36 |
| 221 Barre | 001 | F01 | 14 | 12. | 28. | 38. | 45. | 56. | 73. | 94. | 94. | 94. | 48. | 20.54 | 43.36 | 1.65 |
| 221 Brattleboro | 001 | F01 | 13 | 32. | 34. | 55. | 64. | 80. | 109. | 145. | 145. | 145. | 69. | 31.06 | 63.67 | 1.54 |
| 221 Caledonia Co | 001 | F03 | 6 | 8. | 8. | 14. | 16. | 21. | 24. | 24. | 24. | 24. | 17. | 5.57 | 15.77 | 1.47 |
| 221 Lyndon | 001 | F03 | 9 | 9. | 9. | 16. | 21. | 27. | 32. | 32. | 32. | 32. | 20. | 8.14 | 18.87 | 1.55 |
| 221 Montpelier | 001 | F01 | 6 | 17. | 17. | 18. | 24. | 31. | 39. | 39. | 39. | 39. | | | | |
| 221 Northfield | 001 | F03 | 12 | 16. | 17. | 21. | 26. | 36. | 44. | 45. | 45. | 45. | 28. | 10.04 | 26.68 | 1.42 |
| 221 Orange Co | 001 | F03 | 15 | 3. | 6. | 21. | 31. | 61. | 130. | 156. | 156. | 156. | 54. | 51.21 | 32.85 | 3.14 |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 004 | H01 | 11 | 28. | 28. | 37. | 48. | 79. | 91. | 163. | 163. | 163. | 64. | 40.59 | 54.93 | 1.78 |
| | 007 | H01 | 13 | 28. | 28. | 40. | 43. | 78. | 85. | 125. | 125. | 125. | 57. | 28.47 | 51.06 | 1.59 |
| | 009 | H01 | 15 | 33. | 35. | 41. | 58. | 74. | 99. | 129. | 129. | 129. | 63. | 27.78 | 58.26 | 1.52 |
| | 010 | H01 | 15 | 27. | 28. | 33. | 40. | 51. | 77. | 93. | 93. | 93. | 46. | 19.75 | 43.07 | 1.47 |
| | 011 | H01 | 15 | 34. | 36. | 42. | 50. | 75. | 93. | 118. | 118. | 118. | 59. | 25.14 | 54.84 | 1.48 |
| | 012 | H01 | 13 | 30. | 30. | 34. | 41. | 49. | 66. | 81. | 81. | 81. | 46. | 15.51 | 43.42 | 1.37 |
| | 013 | G01 | 31 | 23. | 30. | 38. | 44. | 53. | 82. | 92. | 106. | 106. | 50. | 20.39 | 46.75 | 1.46 |
| | 019 | H01 | 14 | 32. | 34. | 43. | 46. | 91. | 109. | 131. | 131. | 131. | 65. | 33.38 | 57.90 | 1.63 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGINIA — Cont.** | | | | | | | | | | | | | | | | |
| 047 Annandale | 002 | G01 | 31 | 18. | 24. | 34. | 38. | 48. | 60. | 76. | 100. | 100. | 43. | 17.36 | 39.91 | 1.45 |
| 047 Arlington Co | 003 | G02 | 14 | 29. | 33. | 43. | 53. | 68. | 109. | 168. | 168. | 168. | 66. | 38.85 | 58.26 | 1.67 |
| | 008 | F02 | 5 | 42. | 42. | 54. | 73. | 99. | 197. | 197. | 197. | 197. | | | | |
| | 008 | G02 | 9 | 33. | 33. | 50. | 65. | 106. | 148. | 148. | 148. | 148. | 76. | 38.22 | 68.60 | 1.63 |
| | 012 | G01 | 11 | 20. | 29. | 35. | 45. | 68. | 89. | 114. | 114. | 114. | 55. | 29.53 | 47.83 | 1.72 |
| | 017 | G02 | 14 | 36. | 37. | 64. | 72. | 82. | 97. | 142. | 142. | 142. | 73. | 28.12 | 68.42 | 1.48 |
| 047 Bailey's Crossroads | 007 | G01 | 31 | 26. | 28. | 37. | 45. | 51. | 69. | 119. | 170. | 170. | 51. | 28.68 | 46.49 | 1.52 |
| 047 Fairfax | 004 | G01 | 31 | 22. | 27. | 35. | 38. | 49. | 67. | 79. | 104. | 104. | 45. | 18.23 | 41.50 | 1.45 |
| | 005 | G01 | 31 | 20. | 27. | 31. | 38. | 45. | 58. | 63. | 82. | 82. | 41. | 13.31 | 38.72 | 1.37 |
| 047 Fairfax Co | 005 | G01 | 31 | 13. | 17. | 22. | 25. | 27. | 38. | 47. | 58. | 58. | 27. | 10.03 | 25.69 | 1.41 |
| | 014 | G01 | 31 | 24. | 30. | 38. | 43. | 63. | 81. | 120. | 159. | 159. | 55. | 29.36 | 49.17 | 1.59 |
| | 015 | G01 | 30 | 20. | 26. | 31. | 42. | 48. | 71. | 82. | 89. | 89. | 44. | 17.18 | 41.28 | 1.45 |
| 047 Falls Church | 003 | G01 | 31 | 15. | 26. | 34. | 41. | 49. | 72. | 88. | 93. | 93. | 45. | 19.38 | 41.46 | 1.55 |
| 047 Fort Belvoir | 001 | G01 | 31 | 17. | 24. | 28. | 36. | 43. | 53. | 70. | 92. | 92. | 38. | 16.10 | 35.36 | 1.48 |
| 047 Herndon | 001 | G01 | 31 | 13. | 25. | 33. | 40. | 50. | 62. | 77. | 94. | 94. | 43. | 16.66 | 39.74 | 1.49 |
| 047 Leesburg | 001 | G02 | 13 | 19. | 26. | 30. | 43. | 64. | 80. | 90. | 90. | 90. | 50. | 23.22 | 44.59 | 1.63 |
| 047 Mc Lean | 001 | G01 | 31 | 18. | 26. | 31. | 36. | 48. | 61. | 81. | 103. | 103. | 41. | 18.44 | 38.22 | 1.49 |
| 047 Manassas | 001 | F01 | 15 | 22. | 28. | 42. | 64. | 85. | 119. | 128. | 128. | 128. | 68. | 32.35 | 59.72 | 1.71 |
| 047 Prince William Co | 002 | F02 | 12 | 24. | 26. | 32. | 55. | 69. | 178. | 206. | 206. | 206. | 71. | 59.29 | 55.19 | 2.01 |
| | 006 | F01 | 14 | 18. | 26. | 35. | 42. | 69. | 157. | 183. | 183. | 183. | 64. | 49.41 | 51.50 | 1.96 |
| 047 Reston | 001 | G01 | 31 | 14. | 19. | 23. | 26. | 35. | 48. | 70. | 78. | 78. | 31. | 14.99 | 28.68 | 1.53 |
| 047 Springfield | 002 | G01 | 30 | 1. | 27. | 34. | 44. | 57. | 76. | 113. | 121. | 121. | 49. | 25.03 | 39.79 | 2.51 |
| 047 Vienna | 002 | G01 | 31 | 22. | 26. | 34. | 37. | 48. | 53. | 60. | 81. | 81. | 40. | 12.90 | 38.23 | 1.36 |
| 047 West Springfield | 001 | G01 | 31 | 20. | 27. | 32. | 41. | 47. | 50. | 92. | 108. | 108. | 42. | 18.68 | 39.04 | 1.46 |
| 047 Woodbridge-Marumsco | 001 | F01 | 14 | 23. | 26. | 33. | 35. | 69. | 112. | 144. | 144. | 144. | 55. | 36.68 | 46.40 | 1.81 |
| 207 Altavista | 001 | F01 | 13 | 14. | 17. | 22. | 40. | 55. | 68. | 75. | 75. | 75. | 39. | 19.52 | 34.65 | 1.70 |
| 207 Bluefield | 005 | F02 | 15 | 9. | 11. | 21. | 29. | 54. | 65. | 92. | 92. | 92. | 36. | 23.50 | 29.36 | 2.01 |
| 207 Bristol | 003 | F01 | 9 | 19. | 19. | 31. | 48. | 64. | 72. | 72. | 72. | 72. | 47. | 19.33 | 42.42 | 1.62 |
| | 004 | F01 | 15 | 15. | 19. | 31. | 50. | 53. | 63. | 105. | 105. | 105. | 46. | 22.58 | 40.42 | 1.69 |
| 207 Galax | 006 | F02 | 15 | 23. | 29. | 41. | 60. | 77. | 90. | 138. | 138. | 138. | 63. | 29.58 | 56.39 | 1.62 |
| 207 Marion | 004 | F01 | 15 | 19. | 19. | 23. | 30. | 42. | 58. | 59. | 59. | 59. | 34. | 14.19 | 31.15 | 1.51 |
| 207 Richlands | 001 | F02 | 15 | 9. | 12. | 22. | 30. | 44. | 107. | 131. | 131. | 131. | 45. | 35.90 | 34.00 | 2.15 |
| 207 Russell Co | 001 | F02 | 15 | 5. | 7. | 14. | 23. | 31. | 34. | 37. | 37. | 37. | 22. | 10.50 | 18.86 | 1.87 |
| 207 Saltville | 005 | F02 | 15 | 26. | 33. | 52. | 68. | 80. | 94. | 120. | 120. | 120. | 66. | 25.82 | 60.63 | 1.55 |
| | 006 | F02 | 15 | 10. | 11. | 22. | 32. | 34. | 48. | 60. | 60. | 60. | 29. | 14.68 | 25.68 | 1.76 |
| 207 Wise Co | 002 | F02 | 15 | 11. | 23. | 41. | 43. | 79. | 228. | 235. | 235. | 235. | 87. | 77.47 | 61.03 | 2.43 |
| 207 Wytheville | 001 | F01 | 14 | 4. | 5. | 13. | 15. | 21. | 32. | 39. | 39. | 39. | 18. | 10.39 | 15.20 | 1.93 |
| 222 Amelia Co | 001 | F02 | 15 | 12. | 13. | 22. | 25. | 49. | 60. | 87. | 87. | 87. | 35. | 22.48 | 29.06 | 1.90 |
| 222 Amherst Co | 001 | F01 | 15 | 15. | 16. | 36. | 46. | 60. | 113. | 120. | 120. | 120. | 53. | 31.27 | 44.68 | 1.83 |
| | 004 | F02 | 15 | 7. | 12. | 16. | 19. | 26. | 36. | 38. | 38. | 38. | 22. | 8.77 | 19.96 | 1.56 |
| 222 Appomattox Co | 002 | F02 | 11 | 6. | 13. | 17. | 23. | 26. | 34. | 40. | 40. | 40. | 23. | 9.91 | 20.64 | 1.70 |
| 222 Bassett | 001 | F02 | 15 | 24. | 29. | 49. | 62. | 75. | 111. | 201. | 201. | 201. | 70. | 43.08 | 60.80 | 1.71 |
| | 002 | F02 | 15 | 20. | 29. | 37. | 50. | 64. | 66. | 105. | 105. | 105. | 52. | 21.35 | 47.57 | 1.53 |
| 222 Bedford | 002 | F01 | 15 | 20. | 22. | 33. | 45. | 64. | 102. | 139. | 139. | 139. | 54. | 32.40 | 46.92 | 1.74 |
| 222 Bedford Co | 002 | F02 | 15 | 21. | 22. | 29. | 42. | 62. | 73. | 83. | 83. | 83. | 46. | 20.65 | 41.29 | 1.60 |
| | 004 | F01 | 3 | 13. | 13. | 13. | 21. | 31. | 31. | 31. | 31. | 31. | | | | |
| 222 Blackstone | 001 | F01 | 15 | 13. | 15. | 20. | 30. | 36. | 52. | 53. | 53. | 53. | 29. | 12.64 | 26.89 | 1.56 |
| 222 Buckingham Co | 009 | F02 | 15 | 9. | 17. | 23. | 26. | 34. | 37. | 38. | 38. | 38. | 27. | 8.38 | 25.23 | 1.46 |
| 222 Campbell Co | 003 | F01 | 14 | 14. | 18. | 21. | 33. | 41. | 62. | 73. | 73. | 73. | 36. | 17.23 | 32.15 | 1.62 |
| | 005 | F02 | 15 | 13. | 17. | 24. | 27. | 41. | 54. | 60. | 60. | 60. | 33. | 14.75 | 29.86 | 1.58 |
| 222 Danville | 001 | F01 | 5 | 22. | 22. | 32. | 52. | 65. | 93. | 93. | 93. | 93. | 53. | 28.05 | 46.67 | 1.77 |
| | 005 | F02 | 15 | 23. | 25. | 29. | 44. | 54. | 86. | 88. | 88. | 88. | 48. | 21.33 | 43.36 | 1.57 |
| 222 Franklin Co | 002 | F02 | 14 | 16. | 21. | 25. | 40. | 46. | 91. | 94. | 94. | 94. | 44. | 25.57 | 38.15 | 1.76 |
| 222 Henry Co | 002 | F02 | 15 | 20. | 27. | 42. | 91. | 113. | 142. | 215. | 215. | 215. | 86. | 53.01 | 70.65 | 1.98 |
| 222 Lynchburg | 001 | F01 | 4 | 49. | 49. | 70. | 70. | 75. | 100. | 100. | 100. | 100. | | | | |
| | 003 | F01 | 15 | 33. | 35. | 58. | 77. | 93. | 103. | 149. | 149. | 149. | 74. | 31.48 | 68.08 | 1.56 |
| | 009 | F02 | 15 | 33. | 35. | 40. | 54. | 76. | 101. | 105. | 105. | 105. | 61. | 24.06 | 57.04 | 1.48 |
| | 011 | F01 | 15 | 10. | 11. | 17. | 18. | 28. | 33. | 40. | 40. | 40. | 22. | 9.37 | 20.04 | 1.55 |
| | 012 | F01 | 13 | 10. | 12. | 20. | 23. | 32. | 47. | 47. | 47. | 47. | 26. | 11.62 | 23.99 | 1.60 |
| 222 Martinsville | 005 | F01 | 15 | 17. | 30. | 39. | 60. | 81. | 125. | 151. | 151. | 151. | 69. | 40.03 | 58.76 | 1.85 |
| | 006 | F01 | 15 | 13. | 20. | 30. | 38. | 52. | 70. | 78. | 78. | 78. | 41. | 19.23 | 36.51 | 1.65 |
| 222 Patrick Co | 001 | F02 | 15 | 25. | 28. | 44. | 51. | 68. | 109. | 112. | 112. | 112. | 59. | 29.01 | 52.71 | 1.63 |
| 222 Pittsylvania Co | 002 | F02 | 14 | 16. | 21. | 41. | 47. | 80. | 125. | 158. | 158. | 158. | 63. | 41.40 | 51.73 | 1.96 |
| | 004 | F01 | 15 | 11. | 16. | 25. | 29. | 46. | 73. | 90. | 90. | 90. | 39. | 23.65 | 33.35 | 1.84 |
| 222 South Boston | 003 | F01 | 15 | 11. | 12. | 21. | 33. | 43. | 46. | 59. | 59. | 59. | 32. | 14.16 | 28.57 | 1.68 |
| 222 South Hill | 001 | F01 | 12 | 13. | 14. | 16. | 19. | 29. | 36. | 40. | 40. | 40. | 23. | 9.20 | 21.57 | 1.48 |
| 223 Chesapeake | 001 | F02 | 15 | 39. | 40. | 49. | 71. | 122. | 188. | 280. | 280. | 280. | 100. | 70.25 | 82.08 | 1.89 |
| | 003 | F02 | 15 | 39. | 40. | 61. | 72. | 92. | 188. | 197. | 197. | 197. | 89. | 49.73 | 78.19 | 1.66 |
| | 005 | F02 | 15 | 3. | 3. | 4. | 7. | 8. | 11. | 13. | 13. | 13. | 7. | 3.08 | 6.41 | 1.59 |

# PARTICULATE, micrograms per cubic meter (25 C)
# HI-VOL GRAVIMETRIC, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGINIA — Cont.** | | | | | | | | | | | | | | | | |
| | 006 | F01 | 15 | 33. | 45. | 64. | 75. | 112. | 191. | 310. | 310. | 310. | 103. | 73.79 | 86.01 | 1.82 |
| 223 Franklin | 003 | F01 | 14 | 17. | 17. | 19. | 21. | 34. | 43. | 51. | 51. | 51. | 28. | 11.22 | 25.94 | 1.47 |
| 223 Hampton | 001 | P01 | 6 | 30. | 30. | 32. | 38. | 78. | 84. | 84. | 84. | 84. | 56. | 25.17 | 51.04 | 1.62 |
| | 003 | F02 | 2 | 34. | 34. | 34. | 34. | 72. | 72. | 72. | 72. | 72. | | | | |
| | 005 | F01 | 14 | 28. | 30. | 35. | 38. | 48. | 76. | 87. | 87. | 87. | 45. | 17.90 | 42.74 | 1.42 |
| | 006 | F01 | 9 | 26. | 26. | 36. | 40. | 55. | 99. | 99. | 99. | 99. | 49. | 24.86 | 44.80 | 1.57 |
| 223 Newport News | 003 | F01 | 15 | 28. | 29. | 36. | 56. | 67. | 106. | 126. | 126. | 126. | 59. | 29.39 | 52.83 | 1.61 |
| | 004 | F01 | 13 | 16. | 17. | 17. | 30. | 39. | 43. | 57. | 57. | 57. | 31. | 12.43 | 28.46 | 1.52 |
| 223 Norfolk | 001 | P01 | 3 | 50. | 50. | 50. | 65. | 85. | 85. | 85. | 85. | 85. | | | | |
| | 007 | F01 | 14 | 27. | 28. | 40. | 50. | 61. | 123. | 129. | 129. | 129. | 62. | 33.86 | 54.50 | 1.66 |
| | 010 | F01 | 15 | 17. | 35. | 47. | 57. | 63. | 136. | 163. | 163. | 163. | 69. | 39.44 | 59.95 | 1.75 |
| | 014 | F01 | 13 | 24. | 29. | 36. | 48. | 66. | 125. | 139. | 139. | 139. | 61. | 36.37 | 52.81 | 1.72 |
| 223 Portsmouth | 001 | P01 | 7 | 64. | 64. | 68. | 86. | 95. | 171. | 171. | 171. | 171. | 96. | 39.07 | 90.70 | 1.44 |
| | 005 | F01 | 14 | 26. | 26. | 41. | 51. | 61. | 81. | 105. | 105. | 105. | 53. | 22.91 | 49.00 | 1.55 |
| 223 Suffolk | 003 | F02 | 15 | 18. | 19. | 33. | 47. | 59. | 77. | 84. | 84. | 84. | 48. | 21.49 | 43.25 | 1.64 |
| 223 Virginia Beach | 005 | F02 | 15 | 17. | 23. | 28. | 32. | 38. | 62. | 79. | 79. | 79. | 37. | 16.41 | 33.75 | 1.49 |
| | 006 | F01 | 10 | 16. | 16. | 28. | 30. | 42. | 55. | 77. | 77. | 77. | 38. | 17.68 | 35.07 | 1.57 |
| 224 Accomack Co | 001 | F01 | 15 | 15. | 17. | 20. | 21. | 27. | 37. | 40. | 40. | 40. | 24. | 7.66 | 23.39 | 1.34 |
| | 002 | F01 | 14 | 25. | 26. | 32. | 35. | 50. | 110. | 191. | 191. | 191. | 55. | 46.00 | 44.85 | 1.82 |
| 224 Culpeper Co | 001 | P01 | 11 | 14. | 16. | 25. | 25. | 33. | 49. | 71. | 71. | 71. | 32. | 16.62 | 28.64 | 1.61 |
| 224 Essex Co | 001 | F02 | 15 | 13. | 18. | 26. | 30. | 53. | 61. | 62. | 62. | 62. | 37. | 16.80 | 33.01 | 1.62 |
| 224 Fauquier Co | 001 | F01 | 15 | 12. | 14. | 21. | 28. | 39. | 55. | 62. | 62. | 62. | 31. | 15.35 | 27.60 | 1.66 |
| 224 Fluvanna Co | 001 | F02 | 14 | 15. | 20. | 28. | 29. | 43. | 51. | 77. | 77. | 77. | 37. | 16.60 | 33.90 | 1.56 |
| 224 Fredericksburg | 002 | F01 | 15 | 13. | 13. | 19. | 24. | 37. | 58. | 58. | 58. | 58. | 31. | 16.05 | 26.83 | 1.70 |
| 224 Gloucester Co | 001 | F02 | 15 | 16. | 19. | 23. | 24. | 29. | 42. | 43. | 43. | 43. | 27. | 8.17 | 25.93 | 1.34 |
| 224 West Point | 002 | F02 | 15 | 12. | 14. | 24. | 28. | 35. | 59. | 64. | 64. | 64. | 31. | 15.34 | 28.17 | 1.64 |
| 225 Charlottesville | 002 | F01 | 15 | 22. | 23. | 27. | 40. | 52. | 74. | 298. | 298. | 298. | 57. | 68.36 | 42.62 | 1.93 |
| 225 Chesterfield Co | 002 | F02 | 15 | 16. | 17. | 26. | 34. | 50. | 72. | 97. | 97. | 97. | 42. | 22.23 | 36.65 | 1.69 |
| 225 Colonial Heights | 001 | F01 | 14 | 19. | 19. | 25. | 32. | 39. | 48. | 54. | 54. | 54. | 33. | 11.45 | 31.56 | 1.43 |
| 225 Emporia | 001 | F02 | 15 | 23. | 23. | 28. | 42. | 63. | 81. | 91. | 91. | 91. | 48. | 22.60 | 43.21 | 1.62 |
| 225 Henrico Co | 002 | F01 | 14 | 12. | 15. | 23. | 28. | 39. | 43. | 50. | 50. | 50. | 30. | 11.27 | 27.71 | 1.52 |
| | 007 | F02 | 15 | 14. | 15. | 22. | 28. | 41. | 57. | 103. | 103. | 103. | 36. | 22.85 | 31.27 | 1.71 |
| | 008 | F02 | 15 | 9. | 12. | 17. | 21. | 24. | 34. | 42. | 42. | 42. | 22. | 8.53 | 20.44 | 1.48 |
| 225 Hopewell | 002 | F02 | 15 | 31. | 31. | 50. | 60. | 69. | 109. | 113. | 113. | 113. | 63. | 26.28 | 57.72 | 1.52 |
| 225 Petersburg | 002 | F01 | 15 | 20. | 20. | 29. | 42. | 60. | 71. | 82. | 82. | 82. | 46. | 20.67 | 41.33 | 1.63 |
| 225 Prince George Co | 001 | F02 | 15 | 9. | 11. | 16. | 24. | 26. | 41. | 78. | 78. | 78. | 25. | 16.90 | 21.62 | 1.73 |
| 225 Richmond | 002 | H01 | 13 | 24. | 37. | 50. | 53. | 77. | 103. | 136. | 136. | 136. | 64. | 30.75 | 57.84 | 1.59 |
| | 003 | H01 | 15 | 27. | 28. | 37. | 45. | 58. | 82. | 94. | 94. | 94. | 51. | 20.73 | 47.07 | 1.49 |
| | 004 | H01 | 15 | 37. | 42. | 52. | 58. | 66. | 92. | 126. | 126. | 126. | 63. | 23.22 | 59.87 | 1.38 |
| | 005 | H01 | 15 | 24. | 25. | 42. | 50. | 61. | 69. | 73. | 73. | 73. | 50. | 15.86 | 46.91 | 1.43 |
| | 013 | H01 | 15 | 13. | 19. | 23. | 29. | 41. | 77. | 96. | 96. | 96. | 38. | 23.32 | 32.64 | 1.74 |
| | 014 | H01 | 15 | 26. | 28. | 41. | 52. | 77. | 92. | 105. | 105. | 105. | 59. | 25.75 | 53.22 | 1.59 |
| | 015 | H01 | 15 | 21. | 22. | 39. | 42. | 46. | 86. | 88. | 88. | 88. | 47. | 20.25 | 43.79 | 1.52 |
| | 016 | H01 | 15 | 29. | 40. | 46. | 55. | 66. | 78. | 97. | 97. | 97. | 57. | 17.74 | 54.50 | 1.37 |
| | 017 | H01 | 15 | 35. | 37. | 50. | 66. | 74. | 113. | 126. | 126. | 126. | 66. | 26.44 | 61.61 | 1.46 |
| | 018 | H01 | 14 | 20. | 21. | 27. | 33. | 50. | 59. | 64. | 64. | 64. | 39. | 15.80 | 35.69 | 1.52 |
| | 019 | H01 | 15 | 38. | 44. | 62. | 74. | 90. | 140. | 150. | 150. | 150. | 83. | 36.52 | 75.92 | 1.54 |
| 226 Botetourt Co | 003 | F02 | 15 | 36. | 39. | 52. | 83. | 108. | 253. | 427. | 427. | 427. | 123. | 111.74 | 90.86 | 2.15 |
| 226 Buena Vista | 002 | F02 | 14 | 18. | 25. | 27. | 28. | 39. | 67. | 75. | 75. | 75. | 36. | 16.64 | 33.61 | 1.49 |
| 226 Clarke Co | 001 | F02 | 11 | 16. | 16. | 19. | 30. | 36. | 54. | 56. | 56. | 56. | 32. | 14.83 | 28.68 | 1.61 |
| 226 Clifton Forge | 002 | F01 | 15 | 8. | 14. | 17. | 21. | 23. | 30. | 30. | 30. | 30. | 21. | 6.37 | 19.62 | 1.42 |
| 226 Covington | 005 | F02 | 15 | 13. | 14. | 31. | 38. | 48. | 100. | 112. | 112. | 112. | 47. | 29.30 | 39.35 | 1.87 |
| 226 Frederick Co | 002 | F02 | 15 | 15. | 25. | 57. | 76. | 95. | 168. | 209. | 209. | 209. | 89. | 57.13 | 72.05 | 2.06 |
| 226 Front Royal | 004 | F02 | 15 | 17. | 48. | 58. | 71. | 94. | 226. | 230. | 230. | 230. | 88. | 60.69 | 73.45 | 1.87 |
| 226 Giles Co | 006 | F01 | 14 | 11. | 15. | 25. | 36. | 49. | 123. | 276. | 276. | 276. | 62. | 69.12 | 41.82 | 2.36 |
| 226 Harrisonburg | 002 | F02 | 15 | 8. | 15. | 25. | 35. | 50. | 58. | 98. | 98. | 98. | 39. | 22.17 | 33.26 | 1.85 |
| 226 Lexington | 002 | F01 | 11 | 18. | 20. | 21. | 26. | 31. | 46. | 51. | 51. | 51. | 29. | 10.90 | 27.84 | 1.41 |
| 226 Pulaski | 006 | F02 | 15 | 11. | 13. | 30. | 36. | 56. | 78. | 108. | 108. | 108. | 45. | 26.88 | 37.74 | 1.90 |
| | 008 | F02 | 15 | 14. | 15. | 26. | 37. | 39. | 71. | 76. | 76. | 76. | 38. | 18.43 | 33.97 | 1.64 |
| 226 Roanoke | 001 | P01 | 7 | 19. | 19. | 26. | 27. | 39. | 39. | 39. | 39. | 39. | 30. | 8.69 | 29.04 | 1.35 |
| | 003 | H02 | 14 | 24. | 27. | 31. | 33. | 47. | 61. | 77. | 77. | 77. | 41. | 16.07 | 38.89 | 1.43 |
| | 008 | H02 | 15 | 17. | 18. | 25. | 28. | 33. | 43. | 47. | 47. | 47. | 30. | 8.88 | 29.00 | 1.35 |
| 226 Roanoke Co | 003 | G02 | 12 | 33. | 46. | 70. | 78. | 180. | 480. | 945. | 945. | 945. | 201. | 263.12 | 121.20 | 2.62 |
| | 005 | G01 | 10 | 18. | 18. | 27. | 31. | 36. | 42. | 58. | 58. | 58. | 33. | 11.41 | 31.65 | 1.40 |
| | 009 | G01 | 13 | 13. | 13. | 28. | 33. | 46. | 55. | 72. | 72. | 72. | 35. | 16.71 | 31.59 | 1.66 |
| | 013 | G02 | 34 | 10. | 19. | 33. | 42. | 53. | 73. | 100. | 109. | 109. | 47. | 23.83 | 40.98 | 1.73 |
| | 023 | G01 | 13 | 12. | 19. | 30. | 38. | 51. | 67. | 72. | 72. | 72. | 41. | 19.00 | 36.29 | 1.69 |
| | 027 | G02 | 15 | 18. | 22. | 43. | 56. | 68. | 90. | 92. | 92. | 92. | 56. | 21.63 | 51.64 | 1.59 |
| | 029 | G03 | 9 | 7. | 7. | 17. | 22. | 28. | 38. | 38. | 38. | 38. | 23. | 9.79 | 21.21 | 1.67 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGINIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 226 Rockingham Co | 001 | F02 | 13 | 12. | 16. | 26. | 36. | 45. | 63. | 65. | 65. | 65. | 37. | 17.79 | 33.09 | 1.72 |
| 226 Salem | 001 | G01 | 15 | 14. | 25. | 31. | 43. | 52. | 84. | 86. | 86. | 86. | 46. | 21.71 | 41.57 | 1.64 |
|  | 003 | G01 | 14 | 28. | 32. | 45. | 48. | 63. | 106. | 107. | 107. | 107. | 57. | 25.82 | 52.68 | 1.53 |
|  | 007 | G02 | 13 | 26. | 29. | 35. | 56. | 77. | 106. | 120. | 120. | 120. | 62. | 31.71 | 54.91 | 1.68 |
| 226 Staunton | 003 | F01 | 12 | 5. | 10. | 19. | 21. | 30. | 40. | 50. | 50. | 50. | 25. | 13.02 | 21.16 | 1.89 |
| 226 Vinton | 002 | G01 | 16 | 27. | 28. | 34. | 48. | 74. | 106. | 115. | 115. | 115. | 58. | 30.55 | 51.25 | 1.67 |
| 226 Waynesboro | 004 | F02 | 15 | 16. | 20. | 36. | 43. | 48. | 133. | 154. | 154. | 154. | 56. | 41.83 | 45.35 | 1.93 |
|  | 006 | F02 | 13 | 8. | 21. | 30. | 45. | 62. | 114. | 131. | 131. | 131. | 54. | 35.20 | 43.60 | 2.08 |
| **WASHINGTON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 062 Clarkston | 001 | F01 | 14 | 26. | 46. | 71. | 79. | 101. | 151. | 202. | 202. | 202. | 96. | 47.16 | 85.02 | 1.69 |
| 062 Colfax | 001 | F01 | 16 | 10. | 13. | 59. | 69. | 106. | 163. | 198. | 198. | 198. | 82. | 55.09 | 59.85 | 2.53 |
| 062 Ephrata | 001 | F01 | 15 | 9. | 12. | 18. | 28. | 41. | 53. | 55. | 55. | 55. | 31. | 15.73 | 26.60 | 1.78 |
| 062 Grant Co | 001 | F03 | 15 | 1. | 4. | 9. | 11. | 16. | 62. | 402. | 402. | 402. | 44. | 100.79 | 14.38 | 3.97 |
| 062 Lincoln Co | 001 | F01 | 13 | 8. | 12. | 15. | 28. | 55. | 64. | 90. | 90. | 90. | 37. | 25.95 | 28.42 | 2.16 |
| 062 Moses Lake | 001 | F01 | 16 | 17. | 17. | 37. | 59. | 66. | 104. | 110. | 110. | 110. | 58. | 28.12 | 51.28 | 1.76 |
| 062 Spokane | 001 | P01 | 5 | 17. | 17. | 27. | 36. | 44. | 150. | 150. | 150. | 150. | 55. | 53.97 | 40.76 | 2.24 |
|  | 011 | F01 | 16 | 15. | 16. | 32. | 64. | 71. | 116. | 118. | 118. | 118. | 61. | 33.85 | 50.32 | 1.96 |
|  | 012 | F01 | 16 | 10. | 20. | 45. | 61. | 77. | 122. | 147. | 147. | 147. | 67. | 39.26 | 54.33 | 2.06 |
| 193 Camas | 003 | F02 | 16 | 11. | 16. | 34. | 43. | 56. | 65. | 82. | 82. | 82. | 44. | 18.28 | 39.34 | 1.68 |
| 193 Kelso | 001 | I01 | 16 | 8. | 14. | 19. | 24. | 39. | 41. | 60. | 60. | 60. | 29. | 13.42 | 26.01 | 1.66 |
| 193 Longview | 002 | I01 | 16 | 22. | 23. | 41. | 48. | 64. | 88. | 107. | 107. | 107. | 54. | 24.09 | 48.96 | 1.60 |
| 193 Vancouver | 002 | I01 | 16 | 14. | 21. | 29. | 35. | 54. | 64. | 79. | 79. | 79. | 42. | 18.98 | 37.99 | 1.63 |
|  | 006 | I01 | 16 | 6. | 9. | 16. | 22. | 28. | 34. | 40. | 40. | 40. | 22. | 9.63 | 20.13 | 1.68 |
|  | 007 | F01 | 16 | 9. | 17. | 25. | 39. | 61. | 63. | 63. | 63. | 63. | 41. | 19.64 | 35.78 | 1.83 |
| 227 Okanogan Co | 005 | F01 | 16 | 32. | 32. | 50. | 63. | 71. | 137. | 205. | 205. | 205. | 71. | 43.94 | 62.47 | 1.65 |
| 227 Pend Oreille Co | 005 | F01 | 12 | 20. | 25. | 36. | 41. | 49. | 68. | 88. | 88. | 88. | 45. | 19.21 | 41.61 | 1.52 |
| 227 Wenatchee | 001 | F01 | 17 | 26. | 27. | 38. | 63. | 82. | 113. | 166. | 166. | 166. | 68. | 38.35 | 58.16 | 1.77 |
| 228 Aberdeen | 002 | I01 | 16 | 18. | 19. | 20. | 25. | 29. | 51. | 62. | 62. | 62. | 29. | 12.15 | 27.05 | 1.42 |
| 228 Olympia | 004 | I01 | 16 | 18. | 24. | 27. | 38. | 51. | 69. | 75. | 75. | 75. | 42. | 16.69 | 38.88 | 1.51 |
| 228 Port Angeles | 001 | I01 | 15 | 30. | 40. | 46. | 64. | 80. | 125. | 212. | 212. | 212. | 76. | 46.70 | 65.84 | 1.68 |
| 229 Auburn | 003 | I01 | 15 | 17. | 22. | 31. | 40. | 46. | 61. | 63. | 63. | 63. | 40. | 14.06 | 37.33 | 1.46 |
| 229 Bellevue | 002 | I01 | 15 | 12. | 15. | 25. | 30. | 37. | 41. | 49. | 49. | 49. | 30. | 10.72 | 27.77 | 1.51 |
| 229 Bremerton | 001 | F01 | 15 | 18. | 23. | 36. | 42. | 49. | 57. | 62. | 62. | 62. | 42. | 12.66 | 40.35 | 1.41 |
| 229 Everett | 003 | I01 | 15 | 11. | 16. | 28. | 38. | 49. | 61. | 72. | 72. | 72. | 38. | 17.39 | 34.03 | 1.68 |
| 229 Kent | 001 | I01 | 15 | 9. | 12. | 19. | 27. | 39. | 50. | 90. | 90. | 90. | 31. | 20.40 | 26.37 | 1.85 |
| 229 King Co | 001 | I03 | 12 | 2. | 3. | 4. | 4. | 6. | 7. | 19. | 19. | 19. | 6. | 4.55 | 4.88 | 1.81 |
|  | 002 | P03 | 7 | 7. | 7. | 15. | 22. | 23. | 26. | 26. | 26. | 26. | 18. | 7.39 | 16.80 | 1.65 |
| 229 Pierce Co | 002 | F01 | 16 | 5. | 5. | 16. | 28. | 36. | 48. | 67. | 67. | 67. | 29. | 17.03 | 22.53 | 2.22 |
| 229 Renton | 002 | I01 | 15 | 21. | 22. | 30. | 34. | 39. | 49. | 67. | 67. | 67. | 35. | 12.00 | 33.43 | 1.38 |
| 229 Seattle | 001 | I01 | 15 | 21. | 26. | 40. | 52. | 69. | 77. | 124. | 124. | 124. | 56. | 26.24 | 50.33 | 1.59 |
|  | 001 | P01 | 8 | 21. | 21. | 31. | 41. | 62. | 116. | 116. | 116. | 116. | 52. | 29.92 | 45.64 | 1.70 |
|  | 007 | I01 | 15 | 24. | 26. | 34. | 41. | 64. | 85. | 96. | 96. | 96. | 49. | 22.11 | 44.79 | 1.54 |
|  | 059 | F01 | 18 | 36. | 43. | 67. | 85. | 129. | 268. | 297. | 297. | 297. | 117. | 78.79 | 96.64 | 1.87 |
|  | 066 | I02 | 15 | 32. | 42. | 55. | 74. | 101. | 147. | 159. | 159. | 159. | 80. | 38.76 | 72.24 | 1.61 |
| 229 Tacoma | 001 | I01 | 15 | 14. | 20. | 27. | 36. | 44. | 57. | 60. | 60. | 60. | 37. | 13.85 | 34.17 | 1.51 |
|  | 001 | P01 | 8 | 18. | 18. | 26. | 31. | 41. | 45. | 45. | 45. | 45. | 33. | 10.97 | 31.17 | 1.45 |
|  | 004 | I02 | 15 | 26. | 30. | 37. | 48. | 70. | 82. | 98. | 98. | 98. | 53. | 21.50 | 49.58 | 1.49 |
|  | 006 | F01 | 16 | 14. | 14. | 22. | 37. | 55. | 88. | 126. | 126. | 126. | 48. | 33.23 | 37.57 | 2.07 |
| 230 Ellensburg | 001 | F01 | 15 | 20. | 25. | 31. | 38. | 54. | 98. | 100. | 100. | 100. | 48. | 25.47 | 42.67 | 1.63 |
| 230 Pasco | 001 | F01 | 17 | 18. | 21. | 40. | 72. | 104. | 136. | 409. | 409. | 409. | 90. | 91.36 | 64.75 | 2.27 |
| 230 Richland | 001 | F01 | 16 | 3. | 6. | 18. | 23. | 39. | 45. | 303. | 303. | 303. | 42. | 70.85 | 23.15 | 2.78 |
| 230 Walla Walla | 002 | F01 | 15 | 19. | 21. | 34. | 45. | 57. | 85. | 206. | 206. | 206. | 57. | 46.25 | 46.29 | 1.88 |
| 230 Yakima | 002 | I01 | 15 | 33. | 37. | 65. | 91. | 106. | 134. | 169. | 169. | 169. | 85. | 39.52 | 76.14 | 1.67 |
| 230 Yakima Co | 002 | I03 | 16 | 5. | 8. | 15. | 18. | 32. | 60. | 86. | 86. | 86. | 29. | 21.95 | 22.19 | 2.13 |
| **WEST VIRGINIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 103 Huntington | 001 | P01 | 8 | 45. | 45. | 70. | 71. | 83. | 161. | 161. | 161. | 161. | 82. | 36.22 | 75.82 | 1.48 |
|  | 003 | F01 | 14 | 1. | 1. | 33. | 73. | 98. | 121. | 203. | 203. | 203. | 75. | 55.19 | 36.69 | 6.71 |
|  | 004 | F03 | 14 | 7. | 19. | 26. | 40. | 56. | 83. | 85. | 85. | 85. | 45. | 24.93 | 37.58 | 2.02 |
| 113 Keyser | 002 | F01 | 15 | 26. | 28. | 43. | 60. | 71. | 102. | 104. | 104. | 104. | 61. | 24.83 | 55.53 | 1.56 |
| 113 Mineral Co | 004 | F01 | 13 | 22. | 24. | 29. | 53. | 66. | 74. | 82. | 82. | 82. | 51. | 21.43 | 45.93 | 1.60 |
|  | 005 | F01 | 15 | 14. | 34. | 59. | 75. | 98. | 141. | 152. | 152. | 152. | 82. | 42.77 | 70.19 | 1.90 |
|  | 006 | F05 | 12 | 23. | 39. | 69. | 86. | 104. | 129. | 133. | 133. | 133. | 85. | 34.75 | 75.99 | 1.70 |
| 179 Parkersburg | 003 | F01 | 14 | 5. | 29. | 53. | 93. | 113. | 152. | 246. | 246. | 246. | 95. | 61.63 | 70.61 | 2.61 |
| 179 Vienna | 001 | F02 | 15 | 20. | 32. | 36. | 64. | 72. | 106. | 110. | 110. | 110. | 61. | 27.93 | 54.73 | 1.65 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours
### 1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **WEST VIRGINIA—Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 179 Wood Co | 001 | F02 | 15 | 13. | 22. | 43. | 54. | 74. | 88. | 109. | 109. | 109. | 57. | 26.46 | 50.25 | 1.76 |
| 181 Follansbee | 004 | F02 | 15 | 45. | 48. | 146. | 212. | 284. | 350. | 675. | 675. | 675. | 242. | 154.48 | 196.62 | 2.05 |
| 181 Hancock Co | 003 | F02 | 13 | 54. | 76. | 89. | 109. | 151. | 202. | 287. | 287. | 287. | 132. | 63.00 | 119.94 | 1.56 |
|  | 005 | F02 | 15 | 31. | 32. | 60. | 93. | 121. | 199. | 219. | 219. | 219. | 104. | 60.05 | 88.39 | 1.84 |
| 181 Moundsville | 001 | F02 | 13 | 41. | 50. | 70. | 143. | 171. | 196. | 245. | 245. | 245. | 124. | 61.80 | 117.64 | 1.76 |
| 181 Weirton | 002 | F02 | 13 | 51. | 52. | 98. | 161. | 223. | 351. | 450. | 450. | 450. | 184. | 116.79 | 151.76 | 1.96 |
| 181 Wheeling | 001 | H01 | 15 | 30. | 44. | 76. | 82. | 128. | 139. | 182. | 182. | 182. | 93. | 41.14 | 84.39 | 1.62 |
|  | 002 | H01 | 13 | 32. | 33. | 61. | 90. | 102. | 167. | 179. | 179. | 179. | 90. | 47.49 | 78.01 | 1.75 |
|  | 003 | H01 | 13 | 36. | 39. | 59. | 84. | 132. | 154. | 187. | 187. | 187. | 93. | 48.96 | 81.54 | 1.74 |
|  | 004 | H01 | 13 | 22. | 32. | 53. | 64. | 81. | 92. | 134. | 134. | 134. | 65. | 29.20 | 59.16 | 1.63 |
|  | 005 | H01 | 13 | 28. | 35. | 87. | 98. | 117. | 151. | 162. | 162. | 162. | 96. | 42.44 | 85.10 | 1.77 |
| 232 Weston | 001 | F01 | 13 | 33. | 47. | 57. | 93. | 228. | 266. | 323. | 323. | 323. | 139. | 98.34 | 107.66 | 2.15 |
| 233 Martinsburg | 001 | F01 | 14 | 24. | 44. | 50. | 68. | 111. | 180. | 225. | 225. | 225. | 91. | 60.35 | 75.22 | 1.90 |
| 234 Charleston | 001 | P01 | 8 | 42. | 42. | 46. | 57. | 111. | 191. | 191. | 191. | 191. | 88. | 51.40 | 76.30 | 1.74 |
|  | 002 | F01 | 12 | 34. | 34. | 103. | 119. | 162. | 184. | 215. | 215. | 215. | 125. | 59.63 | 107.46 | 1.89 |
|  | 003 | F03 | 12 | 10. | 19. | 48. | 62. | 96. | 122. | 174. | 174. | 174. | 71. | 45.48 | 56.69 | 2.19 |
|  | 004 | F01 | 4 | 36. | 36. | 137. | 137. | 353. | 369. | 369. | 369. | 369. |  |  |  |  |
|  | 005 | F01 | 14 | 33. | 42. | 99. | 142. | 152. | 190. | 244. | 244. | 244. | 128. | 61.07 | 110.92 | 1.82 |
| 234 Kanawha Co | 001 | F02 | 10 | 26. | 26. | 60. | 69. | 144. | 156. | 232. | 232. | 232. | 103. | 65.24 | 84.64 | 1.97 |
|  | 002 | F02 | 13 | 16. | 17. | 28. | 41. | 48. | 63. | 83. | 83. | 83. | 41. | 19.81 | 36.53 | 1.69 |
| 234 Nitro | 001 | F02 | 15 | 21. | 22. | 47. | 80. | 121. | 189. | 291. | 291. | 291. | 100. | 73.33 | 76.08 | 2.24 |
| 234 Putnam Co | 002 | F02 | 13 | 21. | 26. | 40. | 54. | 74. | 87. | 119. | 119. | 119. | 58. | 26.88 | 52.42 | 1.62 |
|  | 003 | F02 | 13 | 19. | 20. | 32. | 70. | 101. | 157. | 190. | 190. | 190. | 79. | 54.45 | 61.77 | 2.14 |
| 234 South Charleston | 001 | P01 | 9 | 26. | 26. | 46. | 66. | 90. | 139. | 139. | 139. | 139. | 71. | 38.47 | 61.60 | 1.76 |
|  | 003 | F01 | 14 | 1. | 13. | 37. | 48. | 68. | 86. | 92. | 92. | 92. | 50. | 28.31 | 33.84 | 3.84 |
|  | 005 | F02 | 14 | 1. | 29. | 74. | 141. | 186. | 270. | 282. | 282. | 282. | 141. | 88.21 | 84.19 | 5.10 |
| 235 Clarksburg | 001 | F01 | 9 | 6. | 6. | 60. | 92. | 124. | 161. | 161. | 161. | 161. | 88. | 46.76 | 67.69 | 2.70 |
| 235 Fairmont | 002 | F02 | 13 | 31. | 41. | 72. | 124. | 182. | 253. | 295. | 295. | 295. | 136. | 85.45 | 110.71 | 2.02 |
|  | 003 | F01 | 13 | 18. | 25. | 44. | 66. | 87. | 116. | 186. | 186. | 186. | 74. | 44.86 | 62.12 | 1.90 |
| 235 Harrison Co | 001 | F01 | 13 | 18. | 25. | 36. | 48. | 62. | 79. | 84. | 84. | 84. | 50. | 20.39 | 46.02 | 1.58 |
| 236 Beckley | 001 | F01 | 11 | 18. | 35. | 73. | 115. | 129. | 170. | 178. | 178. | 178. | 104. | 55.09 | 85.94 | 2.08 |
| 236 Montgomery | 001 | F02 | 15 | 41. | 48. | 66. | 122. | 135. | 178. | 195. | 195. | 195. | 110. | 48.65 | 98.46 | 1.65 |
| **WISCONSIN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 068 Grant Co | 001 | F01 | 8 | 15. | 15. | 22. | 25. | 45. | 65. | 65. | 65. | 65. | 35. | 18.29 | 30.66 | 1.72 |
| 068 Platteville | 001 | F01 | 13 | 10. | 16. | 18. | 24. | 35. | 36. | 106. | 106. | 106. | 31. | 24.10 | 25.78 | 1.77 |
| 073 Beloit | 001 | F01 | 6 | 19. | 19. | 29. | 32. | 36. | 50. | 50. | 50. | 50. | 34. | 10.12 | 32.25 | 1.37 |
|  | 003 | F01 | 6 | 35. | 35. | 38. | 48. | 75. | 80. | 80. | 80. | 80. | 55. | 18.69 | 52.57 | 1.41 |
| 128 Eau Claire | 002 | P01 | 8 | 24. | 24. | 34. | 52. | 56. | 160. | 160. | 160. | 160. | 59. | 42.98 | 50.16 | 1.78 |
|  | 005 | F01 | 14 | 9. | 11. | 30. | 32. | 35. | 48. | 195. | 195. | 195. | 41. | 45.92 | 29.61 | 2.11 |
|  | 009 | F01 | 1 | 17. | 17. | 17. | 17. | 17. | 17. | 17. | 17. | 17. |  |  |  |  |
| 128 La Crosse | 003 | F01 | 89 | 10. | 17. | 27. | 37. | 49. | 69. | 80. | 93. | 93. | 40. | 19.77 | 35.69 | 1.69 |
|  | 005 | F01 | 55 | 2. | 19. | 32. | 40. | 52. | 92. | 106. | 117. | 117. | 47. | 26.30 | 39.02 | 1.95 |
| 128 River Falls | 001 | F01 | 15 | 8. | 9. | 24. | 30. | 42. | 55. | 308. | 308. | 308. | 48. | 73.16 | 30.20 | 2.35 |
| 129 Ashland | 002 | F01 | 8 | 16. | 16. | 21. | 35. | 40. | 61. | 61. | 61. | 61. | 35. | 15.24 | 31.66 | 1.60 |
|  | 003 | F01 | 6 | 13. | 13. | 14. | 14. | 41. | 47. | 47. | 47. | 47. | 24. | 15.36 | 20.59 | 1.80 |
| 129 Superior | 001 | P01 | 7 | 24. | 24. | 34. | 34. | 38. | 66. | 66. | 66. | 66. | 38. | 14.09 | 36.08 | 1.40 |
|  | 002 | F02 | 38 | 11. | 14. | 20. | 26. | 33. | 52. | 57. | 61. | 61. | 28. | 12.66 | 25.73 | 1.55 |
|  | 004 | F01 | 36 | 11. | 16. | 21. | 26. | 33. | 54. | 70. | 96. | 96. | 31. | 16.90 | 27.70 | 1.58 |
|  | 006 | F01 | 35 | 17. | 24. | 29. | 33. | 60. | 92. | 96. | 110. | 110. | 47. | 25.57 | 40.85 | 1.67 |
|  | 008 | F04 | 36 | 12. | 16. | 20. | 36. | 46. | 65. | 86. | 119. | 119. | 38. | 23.28 | 32.44 | 1.79 |
|  | 998 | F05 | 14 | 12. | 14. | 24. | 29. | 35. | 75. | 78. | 78. | 78. | 34. | 20.23 | 28.94 | 1.74 |
|  | 999 | F04 | 14 | 11. | 14. | 16. | 20. | 23. | 36. | 90. | 90. | 90. |  |  |  |  |
| 237 Appleton | 002 | F01 | 14 | 19. | 21. | 35. | 40. | 49. | 70. | 95. | 95. | 95. | 45. | 20.78 | 40.86 | 1.57 |
| 237 De Pere | 001 | F01 | 23 | 9. | 19. | 26. | 40. | 51. | 61. | 66. | 90. | 90. | 41. | 19.46 | 36.09 | 1.72 |
| 237 Fond Du Lac | 001 | F01 | 12 | 15. | 29. | 32. | 44. | 55. | 65. | 74. | 74. | 74. | 47. | 17.36 | 42.94 | 1.57 |
| 237 Green Bay | 001 | F01 | 18 | 16. | 19. | 30. | 35. | 54. | 85. | 102. | 102. | 102. | 44. | 23.22 | 38.70 | 1.66 |
|  | 002 | F01 | 33 | 14. | 24. | 32. | 40. | 65. | 109. | 123. | 129. | 129. | 55. | 33.52 | 46.13 | 1.82 |
|  | 008 | F01 | 33 | 6. | 8. | 15. | 21. | 28. | 48. | 72. | 87. | 87. | 25. | 18.43 | 20.52 | 1.93 |
| 237 Manitowoc | 001 | F01 | 10 | 14. | 14. | 42. | 60. | 82. | 177. | 183. | 183. | 183. | 79. | 57.66 | 61.93 | 2.17 |
|  | 005 | F01 | 10 | 5. | 5. | 25. | 30. | 33. | 46. | 58. | 58. | 58. | 32. | 13.71 | 27.64 | 1.91 |
| 237 Menasha | 006 | F01 | 8 | 15. | 15. | 22. | 27. | 40. | 49. | 49. | 49. | 49. | 30. | 11.78 | 28.21 | 1.49 |
| 237 Neenah | 001 | F01 | 13 | 25. | 25. | 30. | 33. | 50. | 56. | 57. | 57. | 57. | 39. | 12.34 | 37.46 | 1.37 |
| 237 Oshkosh | 005 | F01 | 13 | 17. | 19. | 29. | 34. | 39. | 71. | 84. | 84. | 84. | 39. | 21.20 | 34.78 | 1.65 |
|  | 006 | F01 | 13 | 19. | 23. | 32. | 47. | 67. | 122. | 122. | 122. | 122. | 57. | 33.34 | 48.63 | 1.78 |
| 237 Rhinelander | 999 | F05 | 6 | 8. | 8. | 15. | 22. | 31. | 76. | 76. | 76. | 76. |  |  |  |  |
| 237 Ripon | 001 | F01 | 11 | 12. | 16. | 18. | 21. | 32. | 39. | 45. | 45. | 45. | 26. | 10.51 | 23.83 | 1.51 |
| 238 Marathon Co | 001 | F02 | 10 | 10. | 10. | 19. | 29. | 41. | 47. | 100. | 100. | 100. | 35. | 25.54 | 29.05 | 1.92 |

## PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **WISCONSIN — Cont.** | | | | | | | | | | | | | | | | |
| 238 Marshfield | 001 | F01 | 6 | 13. | 13. | 14. | 32. | 44. | 53. | 53. | 53. | 53. | 32. | 15.84 | 27.81 | 1.79 |
| | 002 | F02 | 11 | 39. | 64. | 70. | 76. | 103. | 179. | 210. | 210. | 210. | 98. | 52.08 | 87.62 | 1.62 |
| 238 Stevens Point | 001 | F01 | 15 | 9. | 12. | 13. | 24. | 29. | 46. | 70. | 70. | 70. | 26. | 16.27 | 21.80 | 1.78 |
| | 002 | F01 | 15 | 11. | 12. | 18. | 23. | 37. | 45. | 63. | 63. | 63. | 27. | 14.73 | 23.75 | 1.70 |
| 238 Wausau | 002 | F01 | 13 | 23. | 23. | 26. | 37. | 50. | 61. | 73. | 73. | 73. | 39. | 15.62 | 36.64 | 1.46 |
| | 003 | F01 | 15 | 21. | 22. | 27. | 35. | 41. | 70. | 91. | 91. | 91. | 40. | 20.42 | 36.33 | 1.55 |
| | 004 | F01 | 20 | 12. | 13. | 18. | 23. | 43. | 47. | 55. | 64. | 64. | 31. | 15.80 | 27.42 | 1.69 |
| 239 Beloit | 005 | F01 | 16 | 41. | 50. | 78. | 91. | 131. | 175. | 249. | 249. | 249. | 106. | 54.53 | 94.66 | 1.64 |
| | 006 | F01 | 2 | 30. | 30. | 30. | 30. | 94. | 94. | 94. | 94. | 94. | | | | |
| 239 Burlington | 001 | F01 | 8 | 23. | 23. | 31. | 41. | 75. | 113. | 113. | 113. | 113. | 60. | 36.01 | 50.17 | 1.90 |
| 239 Franklin | 012 | F03 | 10 | 15. | 15. | 19. | 31. | 39. | 42. | 66. | 66. | 66. | 33. | 15.20 | 30.22 | 1.59 |
| 239 Kenosha | 001 | P01 | 4 | 28. | 28. | 52. | 52. | 95. | 150. | 150. | 150. | 150. | | | | |
| | 005 | F02 | 2 | 56. | 56. | 56. | 56. | 88. | 88. | 88. | 88. | 88. | | | | |
| | 012 | F02 | 3 | 108. | 108. | 108. | 108. | 137. | 137. | 137. | 137. | 137. | | | | |
| | 013 | F01 | 3 | 59. | 59. | 59. | 121. | 180. | 180. | 180. | 180. | 180. | | | | |
| 239 Milwaukee | 001 | P01 | 8 | 34. | 34. | 54. | 62. | 90. | 130. | 130. | 130. | 130. | 76. | 35.02 | 68.91 | 1.61 |
| | 009 | F01 | 20 | 23. | 24. | 36. | 45. | 53. | 71. | 78. | 167. | 167. | 52. | 31.20 | 46.01 | 1.59 |
| | 013 | F01 | 28 | 25. | 38. | 50. | 60. | 67. | 203. | 221. | 311. | 311. | 77. | 62.94 | 64.24 | 1.71 |
| | 025 | F01 | 26 | 30. | 33. | 37. | 46. | 65. | 85. | 97. | 190. | 190. | 57. | 32.76 | 51.64 | 1.54 |
| | 032 | F01 | 26 | 16. | 27. | 31. | 35. | 53. | 91. | 113. | 170. | 170. | 50. | 33.30 | 42.57 | 1.70 |
| | 035 | F01 | 26 | 16. | 27. | 35. | 39. | 48. | 76. | 78. | 130. | 130. | 47. | 23.42 | 42.77 | 1.55 |
| | 060 | F05 | 22 | 30. | 40. | 48. | 54. | 64. | 85. | 150. | 161. | 161. | 64. | 33.11 | 58.27 | 1.52 |
| | 061 | F05 | 21 | 29. | 39. | 53. | 73. | 82. | 102. | 156. | 180. | 180. | 74. | 38.69 | 65.94 | 1.64 |
| | 062 | F05 | 17 | 33. | 43. | 57. | 67. | 85. | 139. | 236. | 236. | 236. | 81. | 48.31 | 71.40 | 1.62 |
| | 063 | F05 | 22 | 25. | 28. | 33. | 46. | 55. | 80. | 142. | 150. | 150. | 55. | 33.63 | 47.92 | 1.64 |
| | 098 | F05 | 14 | 36. | 55. | 85. | 102. | 177. | 281. | 305. | 305. | 305. | 141. | 86.26 | 117.27 | 1.93 |
| | 099 | F01 | 84 | 14. | 36. | 48. | 59. | 78. | 129. | 150. | 284. | 284. | 73. | 45.59 | 63.46 | 1.70 |
| 239 Port Washington | 001 | F01 | 14 | 11. | 15. | 20. | 26. | 36. | 47. | 71. | 71. | 71. | 31. | 16.39 | 27.20 | 1.69 |
| 239 Racine | 002 | P01 | 8 | 32. | 32. | 43. | 58. | 66. | 100. | 100. | 100. | 100. | 60. | 22.37 | 56.14 | 1.46 |
| | 006 | F01 | 7 | 24. | 24. | 36. | 41. | 41. | 101. | 101. | 101. | 101. | 48. | 25.95 | 43.35 | 1.59 |
| | 007 | F01 | 7 | 20. | 20. | 33. | 37. | 56. | 91. | 91. | 91. | 91. | 48. | 25.68 | 42.17 | 1.71 |
| | 008 | F01 | 8 | 25. | 25. | 49. | 55. | 59. | 93. | 93. | 93. | 93. | 56. | 23.00 | 51.01 | 1.59 |
| | 009 | F01 | 7 | 36. | 36. | 81. | 89. | 195. | 286. | 286. | 286. | 286. | 141. | 96.29 | 111.70 | 2.14 |
| | 010 | F01 | 6 | 32. | 32. | 36. | 69. | 82. | 133. | 133. | 133. | 133. | 71. | 36.47 | 63.15 | 1.70 |
| 239 Racine Co | 001 | F01 | 7 | 30. | 30. | 36. | 53. | 57. | 77. | 77. | 77. | 77. | 49. | 17.06 | 46.80 | 1.42 |
| | 002 | F01 | 6 | 21. | 21. | 25. | 31. | 60. | 65. | 65. | 65. | 65. | 41. | 18.50 | 37.67 | 1.60 |
| | 003 | F01 | 7 | 25. | 25. | 30. | 32. | 34. | 49. | 49. | 49. | 49. | 35. | 10.09 | 34.29 | 1.31 |
| 239 Walworth Co | 001 | F01 | 15 | 12. | 13. | 25. | 40. | 46. | 67. | 81. | 81. | 81. | 38. | 18.97 | 33.65 | 1.72 |
| 239 Waukesha | 001 | F01 | 9 | 21. | 21. | 31. | 40. | 63. | 97. | 97. | 97. | 97. | 50. | 26.20 | 43.95 | 1.69 |
| 239 Whitewater | 001 | F01 | 13 | 17. | 19. | 20. | 31. | 40. | 47. | 72. | 72. | 72. | 33. | 15.56 | 29.85 | 1.54 |
| 240 Columbia Co | 001 | F03 | 14 | 10. | 14. | 18. | 22. | 31. | 46. | 52. | 52. | 52. | 27. | 12.86 | 24.00 | 1.63 |
| 240 Madison | 001 | F01 | 18 | 10. | 25. | 45. | 56. | 61. | 134. | 147. | 147. | 147. | 64. | 38.18 | 53.97 | 1.89 |
| | 001 | F05 | 5 | 25. | 25. | 37. | 45. | 45. | 84. | 84. | 84. | 84. | 47. | 22.23 | 43.62 | 1.55 |
| | 001 | P01 | 8 | 31. | 31. | 54. | 65. | 81. | 93. | 93. | 93. | 93. | 67. | 20.54 | 63.72 | 1.43 |
| | 002 | F02 | 12 | 22. | 22. | 33. | 37. | 70. | 84. | 111. | 111. | 111. | 50. | 28.90 | 43.64 | 1.73 |
| | 003 | F02 | 13 | 17. | 24. | 42. | 56. | 66. | 73. | 481. | 481. | 481. | 82. | 121.14 | 53.93 | 2.19 |
| | 005 | F01 | 13 | 24. | 24. | 31. | 45. | 56. | 66. | 80. | 80. | 80. | 45. | 17.36 | 41.89 | 1.48 |
| | 008 | F02 | 13 | 28. | 30. | 48. | 56. | 62. | 69. | 90. | 90. | 90. | 55. | 16.75 | 52.40 | 1.39 |
| | 009 | F01 | 21 | 20. | 37. | 43. | 59. | 81. | 108. | 118. | 127. | 127. | 66. | 29.88 | 59.92 | 1.61 |
| **WYOMING** | | | | | | | | | | | | | | | | |
| 241 Casper | 001 | P01 | 11 | 18. | 33. | 40. | 49. | 53. | 60. | 77. | 77. | 77. | 47. | 15.55 | 44.11 | 1.47 |
| 241 Converse Co | 001 | F03 | 12 | 16. | 18. | 20. | 26. | 39. | 69. | 74. | 74. | 74. | 34. | 19.55 | 29.93 | 1.67 |
| 241 Riverton | 001 | F01 | 15 | 17. | 19. | 24. | 40. | 57. | 76. | 88. | 88. | 88. | 43. | 21.42 | 38.22 | 1.66 |
| 242 Goshen Co | 002 | P03 | 14 | 1. | 1. | 3. | 4. | 8. | 24. | 27. | 27. | 27. | 8. | 8.37 | 4.93 | 3.17 |
| 242 Laramie | 005 | F01 | 10 | 11. | 11. | 24. | 27. | 35. | 64. | 64. | 64. | 64. | 35. | 19.35 | 30.40 | 1.82 |
| 242 Torrington | 001 | F01 | 10 | 8. | 8. | 10. | 14. | 14. | 20. | 29. | 29. | 29. | 15. | 6.11 | 13.55 | 1.46 |
| 243 Gillette | 001 | F01 | 7 | 1. | 1. | 17. | 25. | 45. | 79. | 79. | 79. | 79. | 34. | 30.96 | 13.92 | 6.81 |
| 243 Rock Springs | 001 | F01 | 12 | 12. | 26. | 58. | 69. | 100. | 177. | 231. | 231. | 231. | 89. | 64.40 | 68.13 | 2.30 |
| 243 Sweetwater Co | 001 | F01 | 15 | 7. | 9. | 10. | 17. | 21. | 33. | 33. | 33. | 33. | 17. | 8.65 | 15.40 | 1.66 |
| | 002 | J02 | 22 | 5. | 11. | 15. | 20. | 23. | 60. | 75. | 98. | 98. | 27. | 22.65 | 21.12 | 1.97 |
| | 003 | J02 | 15 | 109. | 111. | 211. | 244. | 307. | 382. | 415. | 415. | 415. | 251. | 94.05 | 232.54 | 1.52 |
| | 004 | J02 | 19 | 42. | 70. | 103. | 124. | 204. | 267. | 321. | 321. | 321. | 153. | 74.99 | 135.27 | 1.68 |
| | 005 | J02 | 25 | 11. | 17. | 29. | 35. | 50. | 78. | 103. | 114. | 114. | 42. | 25.99 | 35.64 | 1.80 |
| | 006 | J02 | 20 | 24. | 35. | 72. | 91. | 168. | 327. | 437. | 452. | 452. | 157. | 132.42 | 113.33 | 2.29 |
| | 007 | J02 | 15 | 5. | 9. | 10. | 12. | 17. | 22. | 22. | 22. | 22. | 13. | 5.15 | 12.51 | 1.51 |
| | 008 | J02 | 13 | 7. | 10. | 13. | 15. | 17. | 22. | 23. | 23. | 23. | 15. | 4.57 | 14.55 | 1.38 |
| | 009 | J02 | 15 | 8. | 9. | 10. | 13. | 17. | 22. | 26. | 26. | 26. | 14. | 5.26 | 13.52 | 1.42 |

# PARTICULATE, micrograms per cubic meter (25 C)
## HI-VOL GRAVIMETRIC, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WYOMING -- Cont.** | | | | | | | | | | | | | | | | |
| | 010 | J02 | 15 | 7. | 8. | 11. | 11. | 13. | 16. | 19. | 19. | 19. | 12. | 3.17 | 11.55 | 1.30 |
| | 011 | J02 | 11 | 15. | 27. | 32. | 40. | 53. | 63. | 79. | 79. | 79. | 43. | 18.20 | 39.50 | 1.59 |
| | 012 | J02 | 10 | 5. | 5. | 7. | 13. | 22. | 104. | 1004. | 1004. | 1004. | 122. | 311.16 | 23.18 | 4.93 |
| | 013 | J02 | 11 | 23. | 43. | 54. | 94. | 110. | 136. | 160. | 160. | 160. | 89. | 43.45 | 77.53 | 1.80 |
| | 014 | J02 | 6 | 11. | 11. | 11. | 12. | 49. | 53. | 53. | 53. | 53. | 26. | 19.59 | 20.88 | 2.09 |
| 243 Yellowstone Nat Park | 001 | P03 | 14 | 1. | 1. | 1. | 1. | 1. | 4. | 7. | 7. | 7. | 1. | 1.88 | .81 | 2.34 |
| **GUAM** | | | | | | | | | | | | | | | | |
| 246 Agana Dist | 002 | F01 | 13 | 90. | 118. | 129. | 148. | 226. | 285. | 288. | 288. | 288. | 176. | 65.12 | 165.50 | 1.44 |
| 246 Piti Dist | 001 | F02 | 13 | 33. | 35. | 42. | 53. | 60. | 65. | 96. | 96. | 96. | 53. | 16.68 | 50.92 | 1.35 |
| | 006 | F02 | 15 | 80. | 85. | 102. | 127. | 133. | 180. | 214. | 214. | 214. | 126. | 37.60 | 120.86 | 1.33 |
| **VIRGIN ISLANDS** | | | | | | | | | | | | | | | | |
| 247 Charlotte Amalie | 002 | F02 | 25 | 11. | 17. | 26. | 37. | 43. | 75. | 140. | 143. | 143. | 45. | 32.92 | 37.19 | 1.82 |
| | 004 | F01 | 20 | 22. | 25. | 35. | 52. | 57. | 81. | 85. | 124. | 124. | 53. | 23.69 | 49.06 | 1.53 |
| 247 St. Croix | 003 | F02 | 19 | 17. | 17. | 33. | 37. | 59. | 111. | 148. | 148. | 148. | 50. | 34.30 | 42.09 | 1.83 |
| | 004 | F02 | 24 | 12. | 14. | 23. | 29. | 42. | 93. | 98. | 104. | 104. | 40. | 26.28 | 33.05 | 1.82 |

# CARBON MONOXIDE, milligrams per cubic meter (25 C)
# INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 004 Birmingham | 012 | G01 | 61 | .2 | .8 | 1.3 | 1.8 | 2.0 | 4.5 | 5.0 | 7.5 | 7.5 |  |  |  |  |
| 004 Fairfield | 003 | G01 | 854 | .2 | 1.1 | 2.2 | 4.0 | 7.1 | 9.5 | 11.2 | 16.7 | 30.6 |  |  |  |  |
| **ALASKA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 008 Anchorage | 013 | F01 | 2027 | .2 | 2.3 | 4.6 | 5.7 | 6.9 | 10.3 | 13.8 | 20.7 | 55.2 | 6.2 | 3.84 | 5.28 | 1.77 |
| 009 Fairbanks | 012 | G01 | 1946 | .2 | 3.1 | 5.3 | 6.8 | 9.5 | 14.9 | 18.9 | 27.4 | 41.9 | 8.3 | 5.36 | 6.88 | 1.88 |
|  | 013 | F01 | 1797 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 10.3 | 12.6 | 24.1 | 48.3 | 4.9 | 4.80 | 3.17 | 2.80 |
| **ARIZONA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 015 Glendale | 001 | G01 | 1517 | .2 | .2 | 1.1 | 2.3 | 3.4 | 6.9 | 8.0 | 10.3 | 16.1 |  |  |  |  |
| 015 Maricopa Co | 009 | G01 | 1874 | .2 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 8.0 | .7 | .77 | .44 | 2.41 |
| 015 Mesa | 002 | G01 | 494 | .2 | .2 | .2 | 1.1 | 1.1 | 3.4 | 5.7 | 9.2 | 12.6 |  |  |  |  |
| 015 Phoenix | 002 | G01 | 2160 | .2 | .2 | .2 | 1.1 | 3.4 | 8.0 | 12.6 | 19.5 | 32.2 | 3.1 | 4.35 | 1.18 | 4.34 |
|  | 004 | G01 | 1628 | .2 | .2 | .2 | 1.1 | 3.4 | 6.9 | 10.3 | 14.9 | 27.6 | 2.8 | 3.30 | 1.32 | 3.76 |
|  | 013 | G01 | 1777 | .2 | .2 | .2 | 1.1 | 2.3 | 4.6 | 6.9 | 9.2 | 12.6 | 1.9 | 2.27 | .86 | 3.67 |
| 015 Scottsdale | 003 | G01 | 1727 | .2 | .2 | .2 | 1.1 | 2.3 | 5.7 | 8.0 | 13.8 | 21.8 | 2.4 | 2.94 | 1.14 | 3.57 |
| 015 Tucson | 002 | G01 | 2139 | .2 | .2 | .6 | 1.7 | 2.3 | 4.6 | 6.3 | 9.2 | 26.4 | 2.1 | 2.14 | 1.31 | 2.91 |
|  | 011 | G01 | 1100 | .2 | .2 | .2 | .6 | 1.7 | 3.4 | 4.6 | 7.5 | 25.9 |  |  |  |  |
| **CALIFORNIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 024 Anaheim | 001 | I01 | 2059 | .2 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 14.9 | 23.0 | 2.9 | 2.92 | 1.75 | 3.04 |
| 024 Azusa | 002 | I01 | 2153 | 1.1 | 2.3 | 3.4 | 3.4 | 5.7 | 8.0 | 9.2 | 11.5 | 16.1 | 4.4 | 2.44 | 3.82 | 1.77 |
| 024 Burbank | 002 | I01 | 2150 | 1.1 | 2.3 | 3.4 | 5.7 | 9.2 | 16.1 | 19.5 | 29.9 | 39.1 | 7.8 | 6.17 | 5.77 | 2.28 |
| 024 Chino | 001 | I01 | 2160 | .2 | .2 | 2.3 | 2.3 | 3.4 | 6.9 | 8.0 | 10.3 | 16.1 | 3.1 | 2.27 | 2.17 | 2.67 |
| 024 Costa Mesa | 001 | I01 | 1420 | .2 | .2 | 1.1 | 2.3 | 4.6 | 10.3 | 14.9 | 23.0 | 35.6 |  |  |  |  |
| 024 Fontana | 001 | I01 | 2001 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 12.6 | 1.2 | 1.15 | .77 | 2.73 |
| 024 La Habra | 001 | I01 | 2143 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 11.5 | 14.9 | 23.0 | 43.7 | 5.0 | 4.72 | 3.36 | 2.53 |
| 024 Lennox | 001 | I01 | 2157 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 16.1 | 20.7 | 31.0 | 46.0 | 7.1 | 6.50 | 5.04 | 2.27 |
| 024 Long Beach | 002 | I01 | 2154 | 1.1 | 3.4 | 3.4 | 4.6 | 6.9 | 10.3 | 12.6 | 16.1 | 23.0 | 6.0 | 3.17 | 5.26 | 1.64 |
| 024 Los Angeles | 001 | I01 | 2000 | 1.1 | 2.3 | 4.6 | 5.7 | 8.0 | 13.8 | 17.2 | 25.3 | 46.0 | 7.4 | 5.24 | 5.91 | 1.99 |
|  | 002 | I01 | 2095 | 1.1 | 1.1 | 1.1 | 2.3 | 4.6 | 9.2 | 12.6 | 20.7 | 35.6 | 4.1 | 4.34 | 2.75 | 2.35 |
| 024 Los Angeles Co | 001 | I01 | 2156 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 11.5 | 13.8 | 21.8 | 37.9 | 5.1 | 4.60 | 3.61 | 2.26 |
| 024 Lynwood | 001 | I01 | 2138 | 1.1 | 3.4 | 4.6 | 5.7 | 9.2 | 14.9 | 19.5 | 31.0 | 46.0 | 8.1 | 5.74 | 6.79 | 1.77 |
| 024 Newhall | 001 | I01 | 2131 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 6.9 | 10.3 | 16.1 | 2.9 | 2.19 | 2.31 | 1.97 |
| 024 Norco | 001 | I01 | 2135 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 5.7 | 8.0 | 9.2 | 3.6 | 1.44 | 3.37 | 1.48 |
| 024 Pasadena | 004 | I01 | 2140 | 1.1 | 1.1 | 3.4 | 4.6 | 6.9 | 12.6 | 17.2 | 25.3 | 36.8 | 6.3 | 5.20 | 4.69 | 2.19 |
| 024 Pomona | 001 | I01 | 2157 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 8.0 | 10.3 | 13.8 | 17.2 | 4.4 | 2.61 | 3.72 | 1.78 |
| 024 Redlands | 001 | I01 | 964 | .2 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 13.8 | 16.1 |  |  |  |  |
| 024 Riverside | 003 | F01 | 2116 | .2 | 1.1 | 3.4 | 4.6 | 5.7 | 9.2 | 11.5 | 16.1 | 27.6 | 4.9 | 3.41 | 3.77 | 2.28 |
| 024 Rubidoux | 001 | I01 | 2136 | .2 | .2 | 2.3 | 3.4 | 4.6 | 6.9 | 9.2 | 11.5 | 16.1 | 3.8 | 2.68 | 2.68 | 2.74 |
| 024 San Bernardino | 001 | I01 | 2014 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 4.6 | 5.7 | 8.0 | 11.5 | 2.4 | 1.61 | 1.85 | 2.18 |
| 024 Santa Barbara | 004 | F01 | 2063 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 14.9 | 24.1 | 3.1 | 2.82 | 2.14 | 2.52 |
| 024 Upland | 003 | I01 | 1741 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 6.9 | 8.0 | 12.6 | 3.0 | 1.92 | 2.45 | 2.05 |
|  | 004 | F01 | 2152 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 6.9 | 8.0 | 10.3 | 13.8 | 3.3 | 2.22 | 2.56 | 2.18 |
| 024 Whittier | 001 | I01 | 2104 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 9.2 | 12.6 | 18.4 | 25.3 | 4.6 | 3.70 | 3.51 | 2.08 |
| 025 Monterey | 001 | I01 | 1989 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 8.0 | 17.2 | 1.8 | 1.26 | 1.60 | 1.59 |
| 025 Salinas | 001 | I01 | 2098 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 4.6 | 4.6 | 5.7 | 8.0 | 2.9 | 1.13 | 2.67 | 1.55 |
| 026 Eureka | 003 | I02 | 2120 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 6.9 | 17.2 | 1.6 | 1.17 | 1.41 | 1.54 |
| 028 Chico | 001 | F01 | 2153 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 12.6 | 19.5 | 2.2 | 2.14 | 1.70 | 1.81 |
| 028 Redding | 002 | F01 | 2151 | 1.1 | 1.1 | 1.1 | 2.3 | 2.3 | 3.4 | 3.4 | 6.9 | 11.5 | 2.1 | 1.18 | 1.82 | 1.61 |
| 028 Sacramento | 003 | F01 | 2052 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 13.8 | 2.0 | 1.44 | 1.71 | 1.70 |
| 028 Yuba City | 001 | F01 | 1999 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 |  | .23 | 1.00 |
| 030 Burlingame | 002 | I01 | 1994 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 8.0 | 11.5 | 14.9 | 3.6 | 2.09 | 3.09 | 1.78 |
| 030 Concord | 001 | I01 | 2152 | 2.3 | 2.3 | 3.4 | 3.4 | 4.6 | 5.7 | 6.9 | 9.2 | 17.2 | 3.9 | 1.53 | 3.71 | 1.39 |
| 030 Fremont | 001 | I01 | 2110 | .2 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 11.5 | 2.0 | 1.45 | 1.65 | 1.81 |
| 030 Livermore | 002 | I01 | 2126 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 4.6 | 5.7 | 8.0 | 16.1 | 2.3 | 1.63 | 1.88 | 1.97 |
| 030 Napa | 003 | I01 | 2121 | 1.1 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 9.2 | 13.8 | 2.9 | 1.70 | 2.51 | 1.70 |
| 030 Oakland | 004 | F01 | 1902 | .2 | .2 | 1.1 | 1.1 | 2.3 | 4.6 | 5.7 | 11.5 | 18.4 | 2.2 | 2.05 | 1.54 | 2.41 |
| 030 Pittsburg | 001 | I01 | 2158 | .2 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 5.7 | 9.2 | 1.7 | 1.00 | 1.44 | 1.82 |
| 030 Redwood City | 001 | I01 | 2136 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 8.0 | 12.6 | 23.0 | 3.3 | 2.59 | 2.58 | 1.96 |
| 030 Richmond | 003 | I01 | 2136 | 1.1 | 1.1 | 2.3 | 2.3 | 2.3 | 3.4 | 4.6 | 6.9 | 10.3 | 2.5 | 1.24 | 2.24 | 1.61 |
| 030 San Francisco | 003 | I01 | 2067 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 4.6 | 5.7 | 9.2 | 16.1 | 2.3 | 1.74 | 1.78 | 2.19 |
| 030 San Jose | 004 | I01 | 2039 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 6.9 | 9.2 | 14.9 | 18.4 | 3.3 | 2.85 | 2.52 | 2.04 |
| 030 San Rafael | 001 | I01 | 2134 | .2 | 1.1 | 2.3 | 3.4 | 3.4 | 5.7 | 6.9 | 11.5 | 17.2 | 3.4 | 2.10 | 2.92 | 1.80 |
| 030 Santa Rosa | 002 | I01 | 2150 | 1.1 | 2.3 | 2.3 | 3.4 | 3.4 | 5.7 | 6.9 | 10.3 | 13.8 | 3.7 | 1.65 | 3.44 | 1.47 |

Preceding page blank

## CARBON MONOXIDE, milligrams per cubic meter (25 C)
## INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

### 1973 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **CALIFORNIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 030 Sunnyvale | 001 | I01 | 2122 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 9.2 | 12.6 | 17.2 | 3.0 | 2.50 | 2.30 | 1.97 |
| 030 Vallejo | [illegible] | I01 | 2036 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 5.7 | 8.0 | 11.5 | 17.2 | 3.4 | 2.13 | 3.10 | 1.71 |
| 031 Bakersfield | [illegible] | F01 | 1900 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 5.7 | 6.9 | 14.9 | 29.9 | 2.7 | 2.85 | 2.02 | 2.13 |
| 031 Fresno | [illegible] | F01 | 158 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 5.7 | 6.9 | 9.2 | 12.4 |  |  |  |  |
| 031 Fresno Co | 001 | I01 | 1776 | .2 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 2.3 | 5.7 | 6.9 | 1.5 | .82 | 1.30 | 1.45 |
|  | 002 | I01 | 2046 | .2 | 2.3 | 2.3 | 3.4 | 3.4 | 4.6 | 4.6 | 4.6 | 13.8 | 3.2 | .98 | 3.01 | 1.49 |
| 031 Modesto | 001 | F01 | 2129 | .2 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 4.6 | 14.9 | 1.8 | 1.05 | 1.56 | 1.73 |
| 031 Stockton | 002 | F01 | 2113 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 18.4 | 1.7 | 1.42 | 1.20 | 2.53 |
| 031 Visalia | 001 | F01 | 1778 | .2 | 2.3 | 4.6 | 5.7 | 8.0 | 10.3 | 12.6 | 16.1 | 17.2 | 6.4 | 3.44 | 5.20 | 2.22 |
| 032 San Luis Obispo | 001 | F01 | 2144 | 1.1 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 3.4 | 6.9 | 12.6 | 1.8 | 1.24 | 1.57 | 1.60 |
| 033 Barstow | 001 | I01 | 2130 | .2 | .2 | .2 | .2 | .2 | 1.1 | 2.3 | 3.4 | 8.0 | .5 | .78 | .35 | 2.22 |
| 033 Indio | 001 | I01 | 2127 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 6.9 | 11.5 | 1.2 | 1.38 | .73 | 2.87 |
| 033 Lancaster | 001 | I01 | 2143 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 3.4 | 4.6 | 8.0 | 14.9 | 1.8 | 1.37 | 1.53 | 1.63 |
| 033 Victorville | 001 | I01 | 1764 | .2 | .2 | .2 | .2 | .2 | 1.1 | 2.3 | 4.6 | 6.9 | .6 | .83 | .34 | 2.25 |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 036 Arvada | 002 | F01 | 1916 | .2 | .2 | 1.1 | 1.8 | 2.8 | 5.6 | 7.8 | 12.9 | 24.3 | 2.4 | 2.65 | 1.69 | 2.72 |
| 036 Denver | 002 | F01 | 1926 | .2 | 2.2 | 3.6 | 5.3 | 7.4 | 11.7 | 14.8 | 23.2 | 53.0 | 6.3 | 4.63 | 5.04 | 2.04 |
|  | 009 | F01 | 1924 | .2 | .6 | 1.3 | 2.2 | 3.3 | 6.3 | 9.5 | 15.8 | 29.4 | 3.0 | 3.20 | 1.96 | 2.70 |
|  | 010 | F01 | 1915 | .2 | 1.1 | 2.4 | 3.8 | 5.2 | 8.2 | 11.2 | 19.1 | 39.2 | 4.5 | 3.70 | 3.29 | 2.37 |
|  | 011 | F01 | 1402 | .2 | .2 | .6 | 1.4 | 2.5 | 6.2 | 10.9 | 20.6 | 59.6 |  |  |  |  |
| 036 Welby | 001 | F01 | 1932 | .2 | .2 | .5 | .9 | 1.7 | 4.6 | 6.3 | 11.4 | 20.5 | 1.8 | 2.32 | .92 | 3.13 |
| 037 Fort Collins | 001 | F01 | 586 | 1.1 | 2.3 | 3.4 | 4.0 | 4.6 | 6.9 | 8.0 | 13.2 | 19.5 |  |  |  |  |
| **CONNECTICUT** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 042 Hartford | 007 | F01 | 1801 | .2 | .6 | .6 | 1.1 | 2.3 | 4.0 | 4.6 | 8.6 | 13.2 | 1.8 | 1.65 | 1.29 | 2.27 |
|  | 009 | F01 | 2158 | .2 | 1.1 | 2.3 | 2.9 | 4.0 | 5.7 | 6.9 | 9.2 | 15.5 | 3.3 | 1.87 | 2.84 | 1.83 |
| 043 Bridgeport | 004 | F01 | 2118 | .2 | 1.1 | 2.9 | 4.0 | 5.7 | 9.8 | 11.5 | 14.4 | 19.0 | 4.8 | 3.15 | 3.73 | 2.16 |
| 043 Greenwich | 001 | F01 | 2085 | .2 | .6 | 2.3 | 3.4 | 4.0 | 6.9 | 8.0 | 12.6 | 19.5 | 3.6 | 2.55 | 2.69 | 2.42 |
| 043 Norwalk | 005 | F01 | 2127 | .2 | 1.7 | 2.3 | 2.9 | 4.0 | 5.7 | 7.5 | 11.5 | 21.3 | 3.5 | 2.13 | 2.99 | 1.72 |
| 043 Stamford | 123 | F01 | 1734 | .2 | .6 | 1.1 | 1.7 | 2.3 | 4.0 | 5.5 | 9.9 | 27.7 | 2.1 | 2.39 | 1.39 | 2.51 |
| **DISTRICT OF COLUMBIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 047 Washington | 008 | I02 | 1080 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 9.2 | 14.9 | 232.3 |  |  |  |  |
|  | 013 | I01 | 744 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 9.2 | 11.5 | 28.7 | 40.2 |  |  |  |  |
| **FLORIDA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 005 Pensacola | 004 | F01 | 1565 | .2 | .7 | .7 | .7 | .8 | .9 | 1.1 | 2.1 | 11.4 |  |  |  |  |
| 049 Jacksonville | 048 | H01 | 1897 | .2 | .2 | 1.1 | 2.3 | 4.0 | 6.9 | 8.0 | 12.1 | 35.1 | 3.0 | 3.04 | 1.82 | 3.04 |
| 049 Tallahassee | 008 | F01 | 995 | .2 | .2 | .2 | .2 | .2 | .2 | .5 | 1.1 | 2.4 |  |  |  |  |
| 050 Lauderdale Lakes | 001 | G03 | 2052 | .8 | 2.3 | 3.4 | 4.6 | 5.7 | 7.5 | 8.6 | 11.5 | 18.4 | 4.8 | 2.26 | 4.29 | 1.63 |
| 050 West Palm Beach | 001 | G01 | 326 | .2 | .2 | .2 | .8 | 1.5 | 3.0 | 3.8 | 4.1 | 6.6 |  |  |  |  |
| 052 Tampa | 022 | G02 | 1398 | .2 | 1.1 | 1.7 | 2.3 | 2.9 | 5.2 | 6.3 | 9.8 | 31.6 |  |  |  |  |
| **GEORGIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 056 Atlanta | 001 | G01 | 2050 | .3 | 1.1 | 2.0 | 2.6 | 3.7 | 5.4 | 6.9 | 9.7 | 24.3 | 3.1 | 2.06 | 2.56 | 1.86 |
|  | 034 | F01 | 509 | .3 | 1.1 | 1.1 | 2.3 | 3.4 | 5.1 | 6.3 | 13.1 | 17.1 |  |  |  |  |
| **ILLINOIS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 067 Calumet City | 001 | G01 | 544 | .2 | .2 | 1.1 | 1.8 | 3.0 | 4.3 | 4.9 | 7.0 | 7.7 |  |  |  |  |
| 067 Chicago | 002 | P10 | 2046 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 10.3 | 13.8 | 18.4 | 4.4 | 2.93 | 3.43 | 2.21 |
|  | 033 | F01 | 947 | .2 | .5 | .7 | 1.1 | 2.1 | 4.8 | 5.4 | 7.9 | 27.0 |  |  |  |  |
| 067 Chicago Heights | 001 | G01 | 565 | .2 | .2 | .2 | .2 | .2 | .6 | .7 | 1.1 | 1.6 |  |  |  |  |
| 067 Joliet | 005 | F01 | 730 | .2 | .9 | 2.0 | 3.0 | 4.1 | 5.6 | 6.9 | 10.7 | 11.6 |  |  |  |  |
| 070 East St Louis | 008 | F01 | 289 | .2 | .7 | 1.1 | 1.5 | 1.7 | 2.3 | 2.5 | 3.0 | 3.0 |  |  |  |  |
|  | 009 | F01 | 658 | .2 | .2 | 1.3 | 1.7 | 2.9 | 3.7 | 5.1 | 7.4 | 7.8 |  |  |  |  |
| **IOWA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 088 Cedar Rapids | 020 | G02 | 1263 | .2 | .6 | 1.1 | 1.1 | 2.3 | 4.6 | 5.7 | 9.2 | 14.9 |  |  |  |  |
| 092 Des Moines | 034 | G02 | 2103 | .2 | .2 | 1.1 | 1.7 | 3.4 | 8.6 | 12.1 | 19.5 | 28.7 | 3.4 | 4.13 | 1.73 | 3.51 |

## CARBON MONOXIDE, milligrams per cubic meter (25 C)
## INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **KANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 094 Kansas City | 001 | H01 | 2136 | .3 | 1.0 | 1.0 | 2.0 | 2.0 | 5.0 | 5.0 | 7.0 | 15.0 | 2.3 | 1.56 | 1.90 | 1.82 |
|  | 011 | F01 | 2058 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 7.0 | 1.0 | .32 | 1.02 | 1.15 |
| 095 Lawrence | 003 | F01 | 1665 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 7.0 | 1.0 | .26 | 1.01 | 1.10 |
| 097 Goodland | 001 | F01 | 2068 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 7.0 | 1.1 | .38 | 1.04 | 1.21 |
| 099 Wichita | 002 | F01 | 2150 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 4.0 | 8.0 | 14.0 | 1.5 | 1.33 | 1.29 | 1.65 |
|  | 003 | F01 | 1981 | .3 | .3 | .6 | 1.7 | 2.3 | 6.3 | 8.0 | 14.4 | 29.9 | 2.6 | 3.05 | 1.55 | 2.76 |
|  | 010 | F01 | 1816 | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 4.0 | 5.0 | 15.0 | 25.0 | 2.6 | 2.28 | 2.06 | 1.95 |
| **KENTUCKY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 072 Paducah | 020 | F01 | 1410 | .2 | 1.1 | 3.9 | 6.8 | 8.6 | 10.7 | 12.0 | 16.1 | 1141.0 |  |  |  |  |
| 077 Owensboro | 008 | F01 | 2147 | .2 | 1.1 | 2.3 | 2.9 | 3.4 | 5.2 | 5.7 | 7.5 | 17.8 | 3.0 | 1.59 | 2.63 | 1.75 |
| 078 Louisville | 011 | G01 | 2154 | .2 | .6 | 1.1 | 2.3 | 4.6 | 7.5 | 9.2 | 13.2 | 21.8 | 3.4 | 2.97 | 2.35 | 2.54 |
|  | 019 | G01 | 1455 | .2 | .2 | 1.1 | 3.4 | 4.6 | 6.9 | 9.2 | 14.9 | 20.7 |  |  |  |  |
|  | 023 | G01 | 2010 | .2 | 1.1 | 3.4 | 5.7 | 8.0 | 16.1 | 19.5 | 26.4 | 44.8 | 7.2 | 6.05 | 4.75 | 2.92 |
| 078 Shively | 001 | G01 | 1313 | .2 | .2 | .6 | 1.1 | 1.7 | 4.6 | 6.3 | 11.5 | 16.1 |  |  |  |  |
| 102 Lexington | 002 | F01 | 1164 | .2 | .2 | .6 | 1.1 | 2.3 | 3.4 | 4.0 | 6.9 | 10.3 |  |  |  |  |
| 103 Ashland | 008 | F01 | 1847 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 6.9 | 8.6 | 10.3 | 14.4 | 3.8 | 2.33 | 2.97 | 2.16 |
| **LOUISIANA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 106 Baton Rouge | 003 | F01 | 1472 | .2 | .6 | 2.3 | 2.3 | 2.9 | 4.0 | 5.2 | 7.5 | 11.5 |  |  |  |  |
| 106 New Orleans | 083 | F01 | 608 | .2 | 1.7 | 2.3 | 2.9 | 3.4 | 5.2 | 6.3 | 10.9 | 18.4 |  |  |  |  |
| **MAINE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 109 Bangor | 001 | F01 | 2098 | .3 | 1.0 | 2.0 | 3.0 | 5.0 | 9.0 | 12.0 | 17.0 | 23.0 | 4.4 | 3.54 | 3.17 | 2.36 |
| **MASSACHUSETTS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 042 Springfield | 005 | F01 | 2126 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 9.2 | 13.8 | 36.8 | 3.9 | 2.95 | 3.03 | 2.18 |
| 117 Pittsfield | 004 | F01 | 2154 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 13.8 | 1.9 | 1.44 | 1.47 | 2.27 |
| 118 Worchester | 012 | F01 | 2148 | .2 | 3.4 | 5.7 | 6.9 | 8.0 | 10.3 | 11.5 | 14.9 | 25.3 | 7.0 | 2.91 | 6.27 | 1.73 |
| 119 Boston | 002 | F01 | 830 | 2.3 | 4.6 | 6.9 | 8.0 | 10.3 | 13.8 | 14.9 | 18.4 | 25.3 |  |  |  |  |
|  | 016 | F01 | 1867 | .2 | 1.1 | 2.3 | 3.4 | 3.4 | 6.9 | 8.0 | 11.5 | 19.5 | 3.5 | 2.26 | 2.88 | 1.94 |
| 119 Cambridge | 004 | F01 | 2038 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 8.0 | 14.9 | 2.5 | 1.66 | 2.01 | 2.05 |
| 119 Medford | 003 | F01 | 2148 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 6.9 | 10.3 | 13.8 | 2.8 | 1.99 | 2.18 | 2.11 |
| 119 Quincy | 002 | F01 | 668 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 8.0 | 10.3 |  |  |  |  |
| 119 Waltham | 004 | F01 | 1930 | .2 | 2.3 | 2.3 | 3.4 | 4.6 | 6.9 | 8.0 | 12.6 | 42.5 | 4.1 | 2.59 | 3.50 | 1.73 |
| 121 Lowell | 004 | F01 | 2144 | .2 | 2.3 | 3.4 | 3.4 | 4.6 | 5.7 | 6.9 | 9.2 | 19.5 | 4.1 | 1.74 | 3.74 | 1.50 |
| **MICHIGAN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 123 Allen Park | 001 | G01 | 1629 | .3 | .3 | .9 | 1.5 | 2.0 | 2.8 | 3.3 | 4.7 | 9.2 | 1.6 | 1.00 | 1.29 | 2.07 |
| 123 Detroit | 014 | G01 | 1769 | .3 | .3 | .6 | .9 | 1.3 | 2.3 | 3.0 | 5.2 | 11.9 | 1.2 | 1.02 | .89 | 2.15 |
|  | 016 | G01 | 1769 | .3 | .3 | 1.2 | 1.6 | 2.1 | 3.0 | 3.6 | 5.1 | 9.6 | 1.7 | 1.06 | 1.38 | 2.10 |
| 123 Livonia | 002 | G01 | 1895 | .3 | .3 | .3 | .7 | 1.2 | 2.1 | 2.8 | 4.1 | 8.7 | 1.0 | .92 | .72 | 2.25 |
| **MINNESOTA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 128 Rochester | 018 | G01 | 2126 | .6 | .6 | 1.7 | 2.9 | 5.2 | 9.8 | 12.6 | 17.2 | 34.5 | 4.3 | 4.13 | 2.73 | 2.68 |
| 129 Duluth | 016 | G01 | 1416 | .2 | .6 | 1.1 | 1.7 | 2.9 | 5.7 | 7.5 | 12.6 | 19.5 |  |  |  |  |
| 131 Minneapolis | 022 | H01 | 2069 | .6 | .6 | 1.0 | 2.1 | 3.3 | 5.2 | 6.2 | 8.3 | 17.6 | 2.5 | 1.96 | 1.85 | 2.27 |
|  | 027 | F01 | 2062 | .6 | .6 | .6 | 1.0 | 1.8 | 3.2 | 4.0 | 5.6 | 8.5 | 1.5 | 1.21 | 1.17 | 2.02 |
| 131 St Paul | 001 | H01 | 129 | .6 | .6 | 1.1 | 1.5 | 2.1 | 3.6 | 6.3 | 7.9 | 9.1 | 2.0 | 1.61 | 1.52 | 2.02 |
|  | 030 | H01 | 2114 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 11.5 | 24.1 | 2.8 | 2.40 | 2.19 | 1.96 |
|  | 031 | H01 | 1911 | .6 | .6 | .7 | 1.8 | 3.1 | 5.7 | 7.2 | 9.9 | 15.9 | 2.5 | 2.28 | 1.72 | 2.45 |
| **MISSOURI** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 070 Afton | 001 | G01 | 26 | .2 | .2 | .2 | .2 | .2 | 22.1 | 28.7 | 29.7 | 29.7 |  |  |  |  |
| 070 Bellefontaine Neighbors | 002 | G01 | 1751 | .2 | .8 | 1.8 | 2.6 | 3.6 | 4.9 | 5.6 | 8.2 | 16.7 | 2.8 | 1.70 | 2.26 | 2.16 |
| 070 Clayton | 001 | G01 | 1262 | .2 | .7 | 2.3 | 3.8 | 5.2 | 7.5 | 8.9 | 13.3 | 41.6 |  |  |  |  |
| 070 St Ann | 001 | G01 | 1489 | .2 | .7 | 2.1 | 3.7 | 4.8 | 6.8 | 8.4 | 16.4 | 27.5 |  |  |  |  |
| 070 St Louis Co | 006 | G01 | 1217 | .2 | .7 | 1.8 | 2.8 | 4.5 | 6.0 | 6.9 | 9.0 | 11.8 |  |  |  |  |
| 094 North Kansas City | 004 | F01 | 2143 | .2 | .2 | .2 | .2 | .2 | .2 | 2.9 | 4.6 | 46.0 | .5 | 1.36 | .28 | 2.01 |

# CARBON MONOXIDE, milligrams per cubic meter (25 C)
# INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **NEBRASKA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 085 Omaha | 024 | G01 | 2107 | .2 | .2 | .6 | 1.7 | 2.9 | 5.2 | 6.3 | 9.2 | 20.1 | 2.2 | 2.08 | 1.41 | 2.77 |
| 145 Lincoln | 007 | G01 | 2040 | .2 | 2.1 | 3.2 | 4.6 | 6.9 | 10.8 | 13.2 | 18.4 | 28.2 | 5.7 | 3.87 | 4.52 | 2.02 |
| **NEVADA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 013 Las Vegas | 001 | G01 | 1652 | .3 | .3 | .8 | 1.7 | 3.3 | 7.7 | 10.4 | 16.0 | 20.9 | 3.0 | 3.43 | 1.59 | 3.25 |
|  | 009 | G01 | 2003 | .3 | .3 | .9 | 1.4 | 2.6 | 6.2 | 8.6 | 13.1 | 18.4 | 2.5 | 2.76 | 1.43 | 2.90 |
| 148 Reno | 005 | I01 | 2160 | .2 | 3.4 | 4.0 | 5.2 | 6.3 | 10.3 | 13.2 | 19.5 | 29.9 | 6.2 | 3.42 | 5.45 | 1.67 |
| **NEW HAMPSHIRE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 121 Manchester | 009 | F01 | 2087 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 6.9 | 10.3 | 17.2 | 2.9 | 1.89 | 2.47 | 1.81 |
| 121 Nashua | 005 | F01 | 480 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 6.9 | 8.0 | 11.5 | 12.6 |  |  |  |  |
| **NEW JERSEY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 043 Asbury Park | 001 | F01 | 1336 | .2 | 1.2 | 2.2 | 3.0 | 3.9 | 5.6 | 6.9 | 9.5 | 35.6 |  |  |  |  |
| 043 Bayonne | 003 | F01 | 1286 | .2 | .6 | .9 | 1.3 | 1.8 | 2.9 | 3.8 | 5.9 | 11.3 |  |  |  |  |
| 043 Elizabeth | 003 | F01 | 1317 | .2 | 1.9 | 3.3 | 4.8 | 6.5 | 11.7 | 14.1 | 20.4 | 34.4 |  |  |  |  |
|  | 004 | F01 | 1350 | .2 | .5 | 1.2 | 1.8 | 2.6 | 4.2 | 5.2 | 7.6 | 12.4 |  |  |  |  |
| 043 Freehold | 001 | F01 | 1331 | .2 | .8 | 2.3 | 4.1 | 6.2 | 10.1 | 12.1 | 15.7 | 22.0 |  |  |  |  |
| 043 Hackensack | 001 | F01 | 1029 | .2 | .5 | 1.2 | 2.2 | 3.6 | 6.6 | 8.2 | 13.2 | 17.4 |  |  |  |  |
| 043 Jersey City | 002 | F01 | 1351 | .2 | 1.4 | 2.5 | 4.0 | 6.6 | 12.0 | 14.8 | 22.1 | 42.9 |  |  |  |  |
| 043 Morristown | 001 | F01 | 1269 | .2 | 2.0 | 3.4 | 5.4 | 8.8 | 17.0 | 21.6 | 30.2 | 38.6 |  |  |  |  |
| 043 Newark | 002 | F01 | 1301 | .2 | .5 | 1.7 | 3.0 | 4.9 | 8.8 | 11.4 | 16.9 | 33.8 |  |  |  |  |
| 043 Paterson | 003 | F01 | 1164 | .2 | 1.0 | 2.2 | 3.4 | 5.3 | 9.3 | 11.8 | 19.2 | 26.9 |  |  |  |  |
| 043 Perth Amboy | 003 | F01 | 1335 | .2 | .8 | 2.1 | 3.5 | 6.1 | 9.7 | 11.6 | 16.0 | 22.5 |  |  |  |  |
| 043 Somerville | 001 | F01 | 1352 | .2 | .9 | 1.9 | 3.5 | 5.1 | 9.0 | 10.9 | 16.2 | 27.3 |  |  |  |  |
| 045 Burlington | 001 | F01 | 1341 | .2 | 1.8 | 3.2 | 4.6 | 6.3 | 9.4 | 11.3 | 14.5 | 18.8 |  |  |  |  |
| 045 Camden | 003 | F01 | 1353 | .2 | .6 | 1.6 | 2.4 | 3.0 | 4.3 | 5.5 | 8.4 | 18.4 |  |  |  |  |
|  | 004 | F01 | 1352 | .2 | 1.6 | 2.4 | 3.2 | 4.2 | 6.1 | 7.4 | 10.8 | 15.1 |  |  |  |  |
| 045 Camden Co | 001 | F01 | 1222 | .2 | .2 | .2 | .8 | 1.3 | 2.3 | 2.9 | 4.7 | 11.1 |  |  |  |  |
| 045 Paulsboro | 001 | F01 | 1350 | .2 | 1.4 | 2.3 | 3.1 | 4.0 | 6.2 | 7.3 | 9.8 | 13.5 |  |  |  |  |
| 045 Penns Grove | 001 | F01 | 1346 | .2 | .5 | 1.0 | 1.4 | 2.6 | 4.4 | 5.4 | 7.7 | 12.5 |  |  |  |  |
| 045 Trenton | 002 | F01 | 1351 | .2 | .8 | 2.0 | 2.9 | 3.7 | 5.6 | 6.8 | 9.6 | 11.9 |  |  |  |  |
| 150 Atlantic City | 002 | F01 | 1352 | .2 | 1.5 | 2.4 | 3.5 | 5.3 | 9.1 | 11.2 | 15.2 | 18.7 |  |  |  |  |
| 150 Toms River | 001 | F01 | 1349 | .2 | .7 | 1.4 | 2.6 | 4.1 | 7.4 | 9.6 | 14.1 | 27.1 |  |  |  |  |
| 151 Phillipsburg | 002 | F01 | 1342 | .2 | .6 | 1.4 | 2.2 | 2.9 | 4.2 | 5.1 | 7.4 | 14.1 |  |  |  |  |
| **NEW MEXICO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 014 Farmington | 003 | F01 | 265 | 1.7 | 2.9 | 3.4 | 4.6 | 6.3 | 8.6 | 9.8 | 13.2 | 14.4 |  |  |  |  |
|  | 004 | F01 | 845 | .2 | 2.3 | 4.0 | 5.2 | 6.3 | 10.3 | 12.6 | 19.0 | 23.0 |  |  |  |  |
| 152 Albuquerque | 002 | H01 | 1952 | .2 | .2 | 1.1 | 2.3 | 3.4 | 6.9 | 10.3 | 18.4 | 46.0 | 3.0 | 3.89 | 1.63 | 3.19 |
|  | 009 | H01 | 1513 | .2 | 1.1 | 2.3 | 4.6 | 6.9 | 11.5 | 14.9 | 23.0 | 51.7 |  |  |  |  |
|  | 016 | H01 | 1770 | .2 | .2 | 1.1 | 2.3 | 3.4 | 8.0 | 12.6 | 19.5 | 29.9 | 3.5 | 4.08 | 1.73 | 3.75 |
| 153 Las Cruces | 001 | F01 | 2069 | .2 | .2 | .6 | 1.1 | 2.3 | 4.6 | 5.7 | 10.3 | 14.4 | 1.9 | 2.04 | 1.18 | 2.77 |
|  | 005 | F01 | 2068 | .2 | 1.1 | 2.9 | 4.0 | 5.2 | 8.0 | 10.9 | 15.5 | 23.0 | 4.4 | 3.09 | 3.49 | 2.08 |
| 155 Roswell | 002 | F01 | 649 | .6 | 2.0 | 3.7 | 5.7 | 8.9 | 12.6 | 14.9 | 21.3 | 69.0 |  |  |  |  |
| 157 Santa Fe | 012 | F05 | 1870 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 11.5 | 14.4 | 23.0 | 34.5 | 5.0 | 4.80 | 3.19 | 2.78 |
| **NEW YORK** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 043 Babylon | 002 | F01 | 947 | .6 | 1.1 | 1.6 | 2.0 | 2.5 | 3.8 | 4.7 | 7.5 | 11.6 |  |  |  |  |
| 043 Hempstead | 005 | F01 | 1790 | .2 | 1.7 | 2.5 | 3.2 | 3.9 | 5.6 | 7.2 | 13.7 | 22.0 | 3.7 | 2.17 | 3.21 | 1.64 |
| 043 Mamaroneck | 002 | F01 | 1936 | .2 | 1.5 | 2.1 | 2.6 | 3.4 | 5.2 | 6.7 | 9.7 | 20.9 | 3.1 | 1.80 | 2.73 | 1.66 |
| 043 New York City | 003 | H01 | 1642 | .2 | 1.1 | 2.3 | 3.4 | 3.4 | 5.7 | 5.7 | 8.0 | 14.9 | 3.3 | 1.67 | 2.84 | 1.83 |
|  | 004 | H01 | 1830 | .2 | 2.3 | 3.4 | 3.4 | 4.6 | 5.7 | 8.0 | 14.9 | 19.5 | 4.1 | 2.08 | 3.69 | 1.55 |
|  | 005 | H01 | 1796 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 5.7 | 9.2 | 14.9 | 2.9 | 1.72 | 2.48 | 1.82 |
|  | 006 | H01 | 1591 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | 6.9 | 9.2 | 13.8 |  |  |  |  |
|  | 007 | H01 | 1429 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 3.4 | 3.4 | 4.6 | 16.1 |  |  |  |  |
|  | 010 | H01 | 2134 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 4.6 | 8.0 | 10.3 | 2.9 | 1.30 | 2.61 | 1.57 |
|  | 011 | H01 | 1355 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 8.0 | 12.6 |  |  |  |  |
|  | 014 | H01 | 1388 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 6.9 | 9.2 | 11.5 |  |  |  |  |
|  | 018 | H01 | 1582 | 1.1 | 2.3 | 3.4 | 3.4 | 4.6 | 5.7 | 6.9 | 9.2 | 13.8 |  |  |  |  |
|  | 023 | H01 | 1185 | 3.4 | 9.2 | 13.8 | 18.4 | 21.8 | 29.9 | 32.2 | 40.2 | 43.7 |  |  |  |  |
|  | 034 | H01 | 1837 | .2 | 1.1 | 2.3 | 2.3 | 2.3 | 3.4 | 3.4 | 4.6 | 8.0 | 2.4 | .83 | 2.24 | 1.56 |

## CARBON MONOXIDE, milligrams per cubic meter (25 C)
## INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW YORK — Cont.** | | | | | | | | | | | | | | | | |
| | 050 | F01 | 1141 | .2 | .6 | 1.0 | 1.6 | 2.5 | 3.7 | 4.5 | 6.1 | 6.7 | | | | |
| | 058 | H01 | 24 | 9.2 | 10.3 | 11.5 | 12.6 | 13.8 | 17.2 | 17.2 | 18.4 | 18.4 | | | | |
| | 062 | H01 | 1890 | 1.1 | 4.6 | 6.9 | 9.2 | 10.3 | 14.9 | 18.4 | 21.8 | 32.2 | 9.3 | 4.44 | 8.23 | 1.67 |
| 158 Syracuse | 005 | F01 | 2081 | .2 | 1.6 | 2.2 | 2.8 | 3.3 | 4.5 | 5.3 | 7.1 | 11.0 | 2.9 | 1.29 | 2.64 | 1.67 |
| | 011 | F01 | 2063 | .2 | 1.3 | 2.0 | 2.5 | 3.2 | 4.5 | 5.3 | 7.5 | 10.6 | 2.7 | 1.41 | 2.34 | 1.87 |
| 158 Utica | 004 | F01 | 1861 | .2 | .9 | 1.5 | 2.1 | 2.6 | 3.4 | 4.3 | 6.0 | 8.4 | 2.2 | 1.15 | 1.89 | 1.81 |
| 160 Rochester | 004 | F01 | 2004 | .2 | 1.3 | 1.7 | 2.2 | 2.6 | 3.4 | 4.0 | 6.0 | 19.1 | 2.3 | 1.11 | 2.10 | 1.56 |
| 161 Kingston | 002 | F01 | 2009 | .2 | .8 | 1.4 | 1.8 | 2.3 | 3.0 | 3.4 | 5.5 | 12.3 | 1.9 | 1.03 | 1.67 | 1.77 |
| 161 Rensselaer | 001 | F01 | 2083 | .2 | .6 | 1.6 | 2.2 | 2.9 | 3.8 | 4.4 | 5.7 | 7.6 | 2.3 | 1.24 | 1.81 | 2.16 |
| 161 Schenectady | 003 | F01 | 2068 | .2 | .5 | 1.0 | 1.5 | 2.1 | 3.0 | 3.8 | 6.8 | 17.6 | 1.7 | 1.37 | 1.36 | 2.12 |
| 162 Buffalo | 005 | F01 | 1998 | .2 | 1.8 | 2.5 | 3.2 | 3.9 | 5.3 | 6.4 | 9.4 | 19.2 | 3.4 | 1.71 | 3.03 | 1.75 |
| | 007 | F01 | 625 | 2.4 | 4.0 | 5.3 | 6.0 | 7.0 | 8.7 | 10.0 | 11.7 | 13.6 | | | | |
| 162 Niagara Falls | 006 | F01 | 1929 | .6 | 2.1 | 2.8 | 3.2 | 3.9 | 4.6 | 5.1 | 6.0 | 13.6 | 3.3 | 1.09 | 3.14 | 1.42 |
| 163 Binghamton | 007 | F01 | 1344 | .2 | .2 | .6 | .8 | 1.0 | 1.6 | 2.1 | 3.2 | 14.6 | | | | |
| 164 Elmira | 003 | F01 | 2046 | .2 | .5 | .8 | 1.1 | 1.8 | 2.9 | 3.3 | 4.5 | 10.3 | 1.5 | 1.03 | 1.12 | 2.16 |
| **NORTH CAROLINA** | | | | | | | | | | | | | | | | |
| 167 Charlotte | 081 | G01 | 590 | .6 | .7 | 1.2 | 2.7 | 4.2 | 8.3 | 11.0 | 16.2 | 23.5 | | | | |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 186 Tulsa | 112 | F01 | 2063 | .3 | .6 | 1.7 | 2.3 | 2.9 | 4.0 | 4.6 | 6.9 | 11.5 | 2.3 | 1.36 | 1.93 | 2.02 |
| | 126 | F02 | 1987 | .3 | .3 | .6 | 1.2 | 1.7 | 3.5 | 4.6 | 9.2 | 19.6 | 1.7 | 1.84 | 1.09 | 2.61 |
| **OREGON** | | | | | | | | | | | | | | | | |
| 193 Eugene | 007 | F01 | 1967 | .3 | 2.0 | 3.0 | 3.5 | 4.5 | 6.0 | 7.0 | 9.0 | 12.0 | 3.7 | 1.69 | 3.29 | 1.76 |
| 193 Portland | 002 | F01 | 2074 | .3 | 1.1 | 1.2 | 3.4 | 4.6 | 9.2 | 11.5 | 16.1 | 36.8 | 4.1 | 3.61 | 2.66 | 2.76 |
| | 073 | F01 | 1762 | .3 | 1.1 | 2.3 | 3.4 | 5.8 | 9.2 | 10.4 | 13.8 | 27.6 | 4.3 | 3.23 | 3.05 | 2.62 |
| | 075 | F01 | 2007 | .3 | 1.1 | 2.3 | 3.5 | 5.8 | 10.4 | 12.7 | 18.4 | 27.6 | 4.8 | 4.16 | 3.12 | 2.79 |
| 193 Salem | 016 | F01 | 1929 | .3 | .3 | 1.1 | 1.2 | 2.3 | 4.6 | 5.8 | 9.2 | 12.7 | 2.0 | 1.87 | 1.27 | 2.62 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Philadelphia | 002 | H01 | 1884 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 5.7 | 6.9 | 10.3 | 20.7 | 3.3 | 2.21 | 2.51 | 2.31 |
| | 014 | H01 | 2080 | .2 | .2 | 1.1 | 1.1 | 2.3 | 4.6 | 4.6 | 6.9 | 13.8 | 2.0 | 1.67 | 1.21 | 3.12 |
| | 019 | H01 | 276 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 5.7 | 6.9 | 6.9 | 3.0 | 1.50 | 2.55 | 1.78 |
| | 021 | H01 | 2057 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 4.6 | 8.0 | 1.0 | .96 | .61 | 2.67 |
| | 022 | H01 | 2094 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 10.3 | 1.2 | 1.13 | .76 | 2.73 |
| | 026 | H01 | 1954 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 6.9 | 9.2 | 12.6 | 17.2 | 4.1 | 2.62 | 3.15 | 2.29 |
| 197 Bellevue | 002 | G01 | 641 | .2 | .2 | .7 | 1.0 | 1.5 | 3.8 | 5.4 | 9.3 | 12.5 | | | | |
| 197 Pittsburgh | 005 | G01 | 933 | .5 | 1.4 | 2.5 | 3.7 | 5.2 | 8.4 | 10.1 | 14.1 | 21.4 | | | | |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | |
| 120 Providence | 007 | F01 | 1965 | .6 | 2.3 | 2.3 | 3.5 | 4.6 | 6.9 | 8.1 | 11.5 | 18.7 | 4.0 | 2.25 | 3.52 | 1.70 |
| | 009 | F01 | 1967 | .6 | 1.6 | 3.4 | 4.3 | 6.3 | 11.2 | 13.7 | 17.1 | 24.9 | 5.5 | 3.70 | 4.36 | 2.02 |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 167 Rock Hill | 004 | F01 | 530 | .3 | .3 | 1.5 | 2.5 | 3.5 | 6.0 | 8.0 | 11.0 | 15.0 | | | | |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 018 Memphis | 021 | G01 | 2108 | .2 | .6 | 1.1 | 1.7 | 2.3 | 3.2 | 4.0 | 7.2 | 16.7 | 1.9 | 1.51 | 1.42 | 2.23 |
| | 024 | G01 | 2119 | .2 | .6 | .9 | 1.7 | 2.6 | 4.6 | 5.7 | 9.2 | 18.4 | 2.2 | 1.98 | 1.57 | 2.43 |
| 055 Chattanooga | 024 | G01 | 336 | .2 | .2 | .9 | 1.7 | 2.7 | 4.8 | 5.7 | 7.9 | 9.7 | | | | |
| 207 Knoxville | 011 | G01 | 1756 | .2 | 1.1 | 3.4 | 3.4 | 5.7 | 9.2 | 10.3 | 13.8 | 19.5 | 4.5 | 3.01 | 3.43 | 2.39 |
| 208 Nashville | 010 | G01 | 2111 | .2 | .6 | 1.1 | 1.7 | 2.3 | 3.4 | 5.2 | 9.2 | 16.7 | 2.0 | 1.70 | 1.54 | 2.09 |
| | 021 | G01 | 1978 | .2 | .2 | .6 | 1.7 | 4.6 | 9.8 | 12.6 | 18.4 | 28.7 | 3.7 | 4.37 | 1.73 | 3.86 |
| **TEXAS** | | | | | | | | | | | | | | | | |
| 216 Houston | 036 | P01 | 701 | .6 | 1.1 | 1.7 | 2.9 | 4.6 | 6.9 | 10.3 | 16.1 | 18.4 | | | | |

## CARBON MONOXIDE, milligrams per cubic meter (25 C)
## INSTRUMENTAL NONDISPERSIVE INFRA-RED, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Bountiful | 001 | F01 | 895 | .2 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 6.9 | 11.5 | 16.1 | | | | |
| 220 Magna | 001 | F02 | 1688 | .2 | .2 | .2 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | .9 | 1.19 | .48 | 2.77 |
| 220 Ogden | 001 | F01 | 2075 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 8.0 | 10.3 | 19.5 | 28.7 | 3.3 | 3.70 | 2.01 | 2.80 |
| 220 Provo | 001 | F01 | 2067 | .2 | 1.1 | 2.3 | 2.3 | 3.4 | 6.9 | 9.2 | 13.8 | 28.7 | 3.4 | 3.04 | 2.45 | 2.33 |
| 220 Salt Lake City | 001 | F01 | 2093 | .2 | 1.1 | 2.3 | 2.3 | 4.6 | 8.0 | 10.3 | 17.2 | 34.5 | 3.8 | 3.39 | 2.70 | 2.48 |
| **VERMONT** | | | | | | | | | | | | | | | | |
| 159 Burlington | 003 | F01 | 1756 | .2 | 2.3 | 3.4 | 4.6 | 5.7 | 6.9 | 8.0 | 10.3 | 13.8 | 4.5 | 2.19 | 3.88 | 1.88 |
| 159 Rutland | 002 | F01 | 616 | .2 | 1.1 | 1.7 | 2.9 | 3.4 | 5.7 | 6.9 | 9.8 | 11.5 | | | | |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 009 | H01 | 2070 | .2 | .6 | 1.1 | 1.1 | 1.7 | 4.0 | 5.7 | 9.8 | 114.9 | 2.1 | 4.68 | 1.34 | 2.38 |
| 047 Arlington Co | 008 | F02 | 2064 | .2 | .6 | 1.7 | 2.5 | 3.4 | 7.1 | 10.3 | 18.4 | 348.4 | 3.6 | 8.34 | 2.29 | 2.62 |
| 047 Fairfax | 005 | G01 | 2160 | .3 | .6 | 1.2 | 1.2 | 1.7 | 3.5 | 4.0 | 7.5 | 17.3 | 1.7 | 1.45 | 1.32 | 2.12 |
| 047 Fairfax Co | 014 | G01 | 2160 | .3 | .3 | .6 | 1.2 | 1.7 | 4.0 | 6.3 | 10.9 | 24.2 | 1.8 | 2.26 | 1.10 | 2.58 |
| 047 Mc Lean | 001 | G01 | 552 | .3 | .3 | .3 | .6 | 1.2 | 2.3 | 2.9 | 10.9 | 17.3 | | | | |
| 047 Seven Corners | 004 | G01 | 2160 | .3 | .3 | .6 | 1.2 | 1.7 | 3.5 | 4.6 | 7.5 | 12.7 | 1.6 | 1.47 | 1.13 | 2.29 |
| 223 Chesapeake | 006 | F01 | 1980 | .2 | .2 | .6 | .9 | 1.1 | 2.1 | 2.5 | 4.0 | 10.0 | 1.1 | .79 | .83 | 2.06 |
| 223 Hampton | 004 | F02 | 2160 | .2 | .2 | .6 | .9 | 1.1 | 2.1 | 3.4 | 7.8 | 16.7 | 1.2 | 1.40 | .85 | 2.06 |
| 223 Norfolk | 010 | F01 | 2088 | .2 | .2 | .6 | .9 | 1.7 | 2.6 | 3.4 | 5.4 | 9.9 | 1.3 | 1.13 | .92 | 2.42 |
| 225 Richmond | 001 | F01 | 1548 | .2 | .6 | 1.1 | 1.1 | 1.7 | 4.6 | 5.7 | 9.2 | 116.1 | | | | |
| **WASHINGTON** | | | | | | | | | | | | | | | | |
| 062 Spokane | 012 | F01 | 1717 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 9.2 | 16.1 | 1.9 | 1.74 | 1.39 | 2.35 |
| | 022 | F01 | 1651 | 1.1 | 2.3 | 3.4 | 4.6 | 6.9 | 10.3 | 13.8 | 17.2 | 24.1 | 5.8 | 3.63 | 4.91 | 1.79 |
| | 023 | F01 | 1934 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 10.3 | 12.6 | 18.4 | 32.2 | 4.7 | 4.15 | 3.11 | 2.77 |
| 193 Vancouver | 007 | F01 | 2108 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 3.4 | 4.6 | 8.0 | 17.2 | 2.3 | 1.44 | 1.95 | 1.87 |
| 229 Seattle | 051 | F01 | 1721 | .2 | 1.1 | 2.3 | 3.4 | 4.6 | 9.2 | 12.6 | 18.4 | 27.6 | 4.5 | 3.92 | 3.15 | 2.43 |
| | 059 | F01 | 2066 | .2 | 1.1 | 1.1 | 2.3 | 2.3 | 4.6 | 5.7 | 8.0 | 11.5 | 2.5 | 1.56 | 2.05 | 1.83 |
| | 062 | I01 | 1914 | .2 | .2 | 1.1 | 2.3 | 4.6 | 6.9 | 9.2 | 12.6 | 20.7 | 3.4 | 2.92 | 2.19 | 2.88 |
| | 063 | F02 | 1934 | .2 | 1.1 | 2.3 | 4.6 | 5.7 | 10.3 | 12.6 | 17.2 | 28.7 | 5.1 | 3.77 | 3.90 | 2.23 |
| 229 Tacoma | 016 | F02 | 2062 | .2 | .2 | 1.1 | 2.3 | 3.4 | 5.7 | 8.0 | 11.5 | 19.5 | 3.0 | 2.49 | 2.03 | 2.77 |
| **WISCONSIN** | | | | | | | | | | | | | | | | |
| 129 Superior | 998 | F05 | 483 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | 1.7 | | | | |
| | 999 | F04 | 494 | .5 | .5 | .5 | .5 | .5 | .5 | .7 | 1.7 | 2.3 | | | | |
| 239 Milwaukee | 040 | F01 | 2012 | .2 | .2 | 1.1 | 1.7 | 2.3 | 3.4 | 4.0 | 10.4 | 13.8 | 1.9 | 1.50 | 1.38 | 2.41 |
| | 041 | F01 | 2106 | .2 | .2 | .2 | .6 | 1.1 | 2.3 | 3.1 | 5.2 | 10.4 | 1.0 | 1.07 | .59 | 2.60 |
| | 042 | F01 | 1962 | .2 | .2 | .9 | 1.7 | 2.6 | 3.9 | 4.7 | 6.9 | 9.6 | 2.0 | 1.51 | 1.36 | 2.63 |
| | 044 | F01 | 1930 | .2 | .2 | .7 | 1.3 | 2.3 | 4.4 | 5.7 | 8.7 | 15.8 | 1.9 | 1.89 | 1.21 | 2.80 |
| | 045 | F01 | 729 | .2 | .2 | .6 | 1.2 | 2.0 | 4.1 | 5.3 | 8.1 | 17.1 | | | | |
| 239 Racine | 011 | F01 | 2099 | .2 | .2 | .2 | .2 | .7 | 2.0 | 2.8 | 4.7 | 10.2 | .8 | .98 | .46 | 2.50 |
| 239 Waukesha | 007 | F01 | 2064 | .2 | .2 | .6 | 1.3 | 2.6 | 4.8 | 5.9 | 9.2 | 20.7 | 2.0 | 2.05 | 1.16 | 3.13 |

# CARBON MONOXIDE, milligrams per cubic meter (25 C)
# INSTRUMENTAL GAS CHROMATOGRAPHIC, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 004 Birmingham | 012 | G01 | 1986 | .2 | .2 | .8 | 1.5 | 2.4 | 4.9 | 6.6 | 11.0 | 17.7 | 2.1 | 2.23 | 1.30 | 2.81 |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 Anaheim | 001 | I01 | 462 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 5.7 | | | | |
| 024 El Toro | 001 | I01 | 1227 | .2 | .2 | .2 | .2 | 1.1 | 2.3 | 4.6 | 6.9 | 9.2 | | | | |
| 029 Chula Vista | 001 | I01 | 1916 | .2 | .2 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 1.1 | 1.04 | .72 | 2.69 |
| 029 El Cajon | 002 | I01 | 2116 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 6.9 | 8.0 | 11.5 | 14.9 | 2.9 | 2.43 | 2.08 | 2.44 |
| 029 Escondido | 002 | I01 | 1689 | .2 | .2 | 1.1 | 1.1 | 2.3 | 5.7 | 8.0 | 12.6 | 21.8 | 2.3 | 2.60 | 1.18 | 3.39 |
| 029 Oceanside | 003 | I01 | 2009 | .2 | .2 | .2 | .2 | 1.1 | 2.3 | 2.3 | 4.6 | 11.5 | .9 | 1.00 | .56 | 2.57 |
| 029 San Diego | 004 | I01 | 2071 | .2 | 1.1 | 1.1 | 2.3 | 3.4 | 6.9 | 8.0 | 12.6 | 19.5 | 3.1 | 2.60 | 2.36 | 2.14 |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 049 Jacksonville | 048 | H01 | 394 | .2 | .6 | 2.3 | 3.4 | 4.0 | 5.7 | 7.5 | 10.9 | 30.5 | | | | |
| 052 St Petersburg | 012 | H01 | 1619 | .2 | .2 | .2 | .2 | .6 | 1.3 | 2.2 | 5.7 | 13.1 | | | | |
| 052 Tampa | 035 | G02 | 1528 | .2 | .2 | .2 | .2 | .6 | 1.7 | 2.9 | 4.6 | 12.1 | | | | |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 077 Henderson | 008 | F01 | 434 | 2.3 | 2.9 | 3.4 | 3.4 | 4.0 | 4.6 | 4.6 | 5.7 | 6.3 | | | | |
| 079 Newport | 001 | F01 | 1830 | .2 | .6 | 1.7 | 2.3 | 3.4 | 5.7 | 6.9 | 9.2 | 17.2 | 2.8 | 2.00 | 2.18 | 2.08 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Bristol (borough) | 012 | F01 | 1386 | .2 | .2 | .5 | .7 | 1.3 | 2.8 | 4.6 | 7.9 | 10.6 | | | | |
| 045 Chester (city) | 002 | F01 | 757 | 2.5 | 3.3 | 3.6 | 3.9 | 4.4 | 5.4 | 6.0 | 7.1 | 7.9 | | | | |
| 045 Norristown | 013 | F01 | 1264 | .2 | .2 | .6 | .9 | 1.6 | 3.1 | 4.0 | 6.1 | 8.4 | | | | |
| 045 Philadelphia | 004 | H01 | 1915 | .2 | 1.1 | 1.1 | 1.1 | 2.3 | 3.4 | 4.6 | 8.0 | 12.6 | 2.0 | 1.56 | 1.54 | 2.20 |
| 151 Bethlehem | 017 | F01 | 1767 | .2 | .7 | 1.0 | 1.4 | 2.2 | 3.8 | 5.2 | 7.8 | 32.5 | 1.9 | 1.76 | 1.50 | 1.99 |
| 151 Reading | 009 | F01 | 703 | .2 | .7 | .9 | 1.3 | 1.7 | 2.8 | 3.6 | 5.4 | 6.7 | | | | |
| 151 Scranton | 006 | F01 | 1841 | .2 | .6 | .9 | 1.3 | 1.7 | 2.8 | 3.7 | 5.4 | 12.8 | 1.6 | 1.14 | 1.27 | 1.93 |
| 151 Wilkes-Barre | 016 | F01 | 61 | 1.6 | 2.2 | 2.8 | 3.4 | 4.1 | 5.5 | 6.4 | 7.4 | 7.4 | | | | |
| 178 New Castle | 015 | F01 | 1310 | .2 | .5 | .8 | 1.3 | 1.8 | 3.1 | 4.3 | 6.6 | 8.2 | | | | |
| 195 Johnstown | 011 | F01 | 210 | .2 | .2 | .7 | .9 | 1.3 | 2.3 | 3.3 | 5.5 | 12.6 | | | | |
| 196 Harrisburg | 361 | F01 | 1701 | .2 | .5 | .8 | 1.1 | 2.0 | 3.7 | 4.8 | 7.9 | 14.0 | 1.7 | 1.62 | 1.21 | 2.39 |
| 196 Lancaster City | 007 | F01 | 1678 | .2 | .2 | .6 | .9 | 1.4 | 2.3 | 2.9 | 4.4 | 9.7 | 1.2 | .90 | .90 | 2.08 |
| 196 York | 008 | F01 | 1840 | .2 | .5 | .8 | 1.1 | 1.7 | 3.3 | 4.4 | 7.1 | 15.2 | 1.6 | 1.43 | 1.15 | 2.26 |
| 197 Beaver Falls | 014 | F01 | 1325 | .2 | .6 | .8 | [illegible] | 1.4 | 2.5 | 3.6 | 6.0 | 9.1 | | | | |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL WEST-GAEKE COLORIMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **DELAWARE** | | | | | | | | | | | | | | | | |
| 045 Newark | 002 | F01 | 1293 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| 045 New Castle | 001 | F01 | 1956 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 29. | 73. | 13. | 2.71 | 13.26 | 1.12 |
| 045 New Castle Co | 001 | F01 | 1983 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 31. | 97. | 14. | 3.66 | 13.44 | 1.16 |
| | 003 | F01 | 1814 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 31. | 55. | 13. | 2.81 | 13.31 | 1.13 |
| | 004 | F01 | 703 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 37. | 55. | | | | |
| | 005 | F01 | 821 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| | 006 | F01 | 851 | 13. | 13. | 13. | 13. | 13. | 13. | 29. | 65. | 92. | | | | |
| | 007 | F01 | 1100 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 39. | | | | |
| | 010 | F01 | 2055 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 37. | 13. | 1.75 | 13.21 | 1.09 |
| | 011 | F01 | 1362 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 31. | | | | |
| | 012 | F01 | 1501 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 65. | | | | |
| 045 Wilmington | 002 | F01 | 1909 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 50. | 13. | 2.28 | 13.28 | 1.11 |
| | 004 | F01 | 1234 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 65. | | | | |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 049 Jacksonville | 049 | H01 | 1176 | 13. | 13. | 13. | 31. | 58. | 105. | 126. | 327. | 786. | | | | |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 065 Peoria | 024 | F01 | 941 | 13. | 13. | 26. | 52. | 73. | 134. | 265. | 741. | 1721. | | | | |
| 066 Normal | 001 | F01 | 837 | 13. | 13. | 13. | 31. | 50. | 92. | 107. | 126. | 815. | | | | |
| 070 Alton | 005 | F01 | 946 | 13. | 13. | 13. | 31. | 39. | 76. | 123. | 414. | 734. | | | | |
| 070 East St Louis | 009 | F01 | 741 | 13. | 13. | 26. | 42. | 65. | 136. | 191. | 335. | 417. | | | | |
| 075 Decatur | 006 | F01 | 937 | 13. | 13. | 13. | 26. | 45. | 86. | 128. | 191. | 616. | | | | |
| **IOWA** | | | | | | | | | | | | | | | | |
| 069 Davenport | 011 | F01 | 1711 | 13. | 13. | 13. | 45. | 65. | 97. | 118. | 173. | 367. | 49. | 38.52 | 36.13 | 2.27 |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 077 Henderson | 008 | F01 | 1948 | 13. | 13. | 13. | 13. | 13. | 58. | 94. | 259. | 555. | 29. | 45.32 | 19.20 | 2.08 |
| 077 Owensboro | 008 | F01 | 1559 | 13. | 13. | 13. | 13. | 13. | 52. | 86. | 147. | 288. | | | | |
| **MAINE** | | | | | | | | | | | | | | | | |
| 107 Lewiston | 002 | F01 | 179 | 13. | 13. | 13. | 13. | 40. | 70. | 100. | 160. | 195. | | | | |
| | 003 | F01 | 1491 | 13. | 13. | 30. | 50. | 80. | 145. | 210. | 355. | 490. | | | | |
| 109 Bangor | 001 | F01 | 2026 | 13. | 30. | 50. | 65. | 85. | 125. | 145. | 200. | 390. | 72. | 42.19 | 60.14 | 1.92 |
| 110 Portland | 002 | F01 | 1917 | 13. | 30. | 70. | 110. | 155. | 220. | 260. | 340. | 570. | 121. | 77.11 | 93.27 | 2.28 |
| | 004 | F01 | 1897 | 13. | 13. | 30. | 45. | 70. | 110. | 130. | 180. | 290. | 53. | 39.98 | 39.23 | 2.25 |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 070 Afton | 001 | G01 | 24 | 13. | 13. | 13. | 13. | 13. | 13. | 94. | 503. | 503. | | | | |
| 070 Bellefontaine Neighbors | 002 | G01 | 1526 | 13. | 13. | 13. | 37. | 60. | 115. | 149. | 231. | 998. | | | | |
| 070 Clayton | 001 | G01 | 1732 | 13. | 13. | 13. | 13. | 34. | 63. | 84. | 165. | 794. | 31. | 34.61 | 23.51 | 1.98 |
| 070 St Ann | 001 | G01 | 1716 | 13. | 13. | 13. | 34. | 60. | 97. | 139. | 238. | 443. | 48. | 48.53 | 32.81 | 2.36 |
| 070 St Louis Co | 006 | G01 | 1700 | 13. | 13. | 13. | 29. | 47. | 102. | 136. | 236. | 639. | 44. | 48.65 | 29.17 | 2.37 |
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Asbury Park | 001 | F01 | 1309 | 13. | 13. | 13. | 13. | 31. | 60. | 76. | 102. | 147. | | | | |
| 043 Bayonne | 003 | F01 | 1350 | 13. | 29. | 45. | 65. | 94. | 147. | 181. | 244. | 335. | | | | |
| 043 Elizabeth | 003 | F01 | 1232 | 13. | 13. | 26. | 47. | 73. | 115. | 136. | 183. | 244. | | | | |
| | 004 | F01 | 1332 | 13. | 13. | 29. | 52. | 81. | 128. | 160. | 225. | 440. | | | | |
| 043 Freehold | 001 | F01 | 1304 | 13. | 13. | 26. | 47. | 73. | 118. | 149. | 231. | 375. | | | | |
| 043 Hackensack | 001 | F01 | 1173 | 13. | 13. | 13. | 29. | 47. | 81. | 113. | 168. | 231. | | | | |
| 043 Jersey City | 002 | F01 | 1347 | 13. | 26. | 39. | 55. | 79. | 121. | 147. | 210. | 697. | | | | |
| 043 Morristown | 001 | F01 | 1346 | 13. | 13. | 13. | 31. | 50. | 81. | 97. | 126. | 713. | | | | |
| 043 Newark | 002 | F01 | 1206 | 13. | 34. | 45. | 60. | 84. | 118. | 139. | 199. | 286. | | | | |
| 043 Paterson | 003 | F01 | 1281 | 13. | 13. | 13. | 29. | 50. | 76. | 92. | 123. | 147. | | | | |
| 043 Perth Amboy | 003 | F01 | 1348 | 13. | 13. | 13. | 34. | 52. | 81. | 105. | 155. | 330. | | | | |
| 043 Somerville | 001 | F01 | 1270 | 13. | 13. | 13. | 13. | 37. | 63. | 76. | 115. | 157. | | | | |
| 045 Burlington | 001 | F01 | 1280 | 13. | 13. | 31. | 47. | 73. | 121. | 147. | 199. | 401. | | | | |

Preceding page blank

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
# INSTRUMENTAL WEST-GAEKE COLORIMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW JERSEY — Cont.** | | | | | | | | | | | | | | | | |
| 045 Camden | 003 | F01 | 1344 | 13. | 39. | 58. | 76. | 113. | 176. | 212. | 312. | 684. | | | | |
| | 004 | F01 | 1347 | 13. | 13. | 34. | 50. | 68. | 110. | 131. | 183. | 278. | | | | |
| 045 Camden Co | 001 | F01 | 1266 | 13. | 13. | 13. | 13. | 39. | 68. | 81. | 147. | 288. | | | | |
| 045 Paulsboro | 001 | F01 | 1321 | 13. | 13. | 34. | 55. | 86. | 139. | 165. | 244. | 503. | | | | |
| 045 Penns Grove | 001 | F01 | 1332 | 13. | 13. | 34. | 50. | 76. | 128. | 173. | 327. | 660. | | | | |
| 045 Trenton | 002 | F01 | 1306 | 13. | 13. | 29. | 39. | 63. | 107. | 134. | 199. | 438. | | | | |
| 150 Atlantic City | 002 | F01 | 1349 | 13. | 13. | 13. | 31. | 47. | 76. | 97. | 131. | 299. | | | | |
| 150 Toms River | 001 | F01 | 1347 | 13. | 13. | 13. | 37. | 55. | 92. | 115. | 170. | 252. | | | | |
| 151 Phillipsburg | 002 | F01 | 1237 | 13. | 13. | 29. | 47. | 73. | 118. | 144. | 186. | 257. | | | | |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Hempstead | 005 | F01 | 1943 | 13. | 13. | 13. | 34. | 52. | 102. | 134. | 199. | 299. | 46. | 41.43 | 33.03 | 2.34 |
| 043 Mamaroneck | 002 | F01 | 1854 | 13. | 13. | 13. | 13. | 34. | 71. | 94. | 144. | 252. | 31. | 29.23 | 22.55 | 2.05 |
| 043 New York City | 050 | F01 | 1832 | 13. | 13. | 45. | 65. | 92. | 136. | 162. | 210. | 333. | 74. | 47.06 | 58.98 | 2.08 |
| 158 Syracuse | 005 | F01 | 1946 | 13. | 13. | 13. | 26. | 42. | 68. | 94. | 168. | 474. | 35. | 33.78 | 26.43 | 2.86 |
| | 011 | F01 | 1901 | 13. | 13. | 31. | 42. | 60. | 92. | 110. | 157. | 231. | 49. | 32.09 | 39.68 | 1.99 |
| 158 Utica | 004 | F01 | 1820 | 13. | 13. | 13. | 13. | 34. | 58. | 71. | 102. | 383. | 29. | 24.82 | 22.64 | 1.91 |
| 159 Glens Falls | 003 | F01 | 1830 | 13. | 13. | 13. | 13. | 39. | 94. | 131. | 238. | 419. | 39. | 47.83 | 25.32 | 2.34 |
| 160 Rochester | 004 | F01 | 1998 | 13. | 13. | 34. | 50. | 71. | 121. | 155. | 233. | 438. | 61. | 46.55 | 46.99 | 2.11 |
| 161 Kingston | 002 | F01 | 2017 | 13. | 13. | 39. | 58. | 86. | 144. | 178. | 223. | 320. | 72. | 50.11 | 56.07 | 2.08 |
| 161 Rensselaer | 001 | F01 | 1944 | 13. | 13. | 29. | 45. | 65. | 105. | 128. | 207. | 451. | 54. | 41.97 | 40.70 | 2.17 |
| 161 Schenectady | 003 | F01 | 1975 | 13. | 13. | 26. | 39. | 60. | 100. | 128. | 183. | 272. | 49. | 39.24 | 36.24 | 2.19 |
| 162 Buffalo | 005 | F01 | 1900 | 13. | 13. | 29. | 45. | 71. | 131. | 165. | 280. | 458. | 62. | 55.53 | 43.27 | 2.35 |
| | 007 | F01 | 1902 | 13. | 13. | 29. | 45. | 71. | 126. | 168. | 212. | 393. | 60. | 49.27 | 43.61 | 2.27 |
| 162 Niagara Falls | 006 | F01 | 1932 | 13. | 13. | 34. | 55. | 100. | 246. | 325. | 472. | 702. | 95. | 102.06 | 58.84 | 2.68 |
| 162 Tonawanda | 002 | F01 | 1887 | 13. | 13. | 31. | 52. | 73. | 136. | 196. | 411. | 799. | 70. | 73.23 | 49.02 | 2.31 |
| **OREGON** | | | | | | | | | | | | | | | | |
| 193 Portland | 074 | F02 | 1721 | 13. | 13. | 13. | 13. | 52. | 157. | 210. | 314. | 524. | 55. | 69.45 | 30.09 | 2.81 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Philadelphia | 002 | H01 | 1878 | 13. | 26. | 52. | 79. | 105. | 210. | 236. | 367. | 943. | 92. | 82.21 | 65.80 | 2.34 |
| | 004 | H01 | 1756 | 13. | 13. | 26. | 52. | 79. | 157. | 210. | 472. | 1205. | 78. | 97.61 | 49.90 | 2.47 |
| | 023 | H01 | 2100 | 13. | 13. | 26. | 52. | 79. | 131. | 157. | 262. | 812. | 63. | 57.36 | 42.96 | 2.43 |
| | 026 | H01 | 1891 | 13. | 52. | 79. | 105. | 157. | 210. | 262. | 393. | 1808. | 125. | 91.43 | 101.31 | 1.93 |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | |
| 120 Providence | 005 | F01 | 1839 | 13. | 28. | 53. | 79. | 111. | 172. | 216. | 313. | 417. | 93. | 64.73 | 71.41 | 2.18 |
| | 007 | F01 | 1903 | 13. | 39. | 67. | 89. | 119. | 181. | 225. | 296. | 424. | 101. | 60.41 | 83.56 | 1.96 |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 053 North Augusta | 001 | F01 | 590 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 65. | | | | |
| 167 Rock Hill | 004 | F01 | 2008 | 13. | 13. | 13. | 13. | 13. | 13. | 40. | 125. | 785. | 19. | 35.58 | 14.77 | 1.58 |
| 199 Charleston Co | 038 | F01 | 1221 | 13. | 13. | 13. | 13. | 13. | 13. | 30. | 120. | 380. | | | | |
| 200 Richland Co | 003 | F01 | 1867 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 35. | 13. | 1.19 | 13.15 | 1.06 |
| 201 Florence | 001 | F01 | 1921 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 50. | 13. | 1.27 | 13.13 | 1.05 |
| 202 Greenville | 001 | F01 | 1809 | 13. | 13. | 13. | 13. | 13. | 13. | 40. | 65. | 220. | 16. | 12.94 | 14.38 | 1.42 |
| 204 Georgetown | 006 | F01 | 1836 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 125. | 345. | 16. | 22.63 | 14.05 | 1.44 |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 207 Knoxville | 011 | G01 | 484 | 13. | 13. | 52. | 79. | 105. | 157. | 183. | 210. | 236. | | | | |
| 208 Nashville | 010 | G01 | 712 | 26. | 26. | 26. | 26. | 26. | 79. | 105. | 183. | 236. | | | | |
| **VERMONT** | | | | | | | | | | | | | | | | |
| 159 Burlington | 003 | F01 | 1709 | 13. | 13. | 26. | 31. | 47. | 73. | 89. | 136. | 204. | 39. | 27.53 | 31.50 | 1.96 |
| 159 Rutland | 002 | F01 | 1238 | 13. | 31. | 52. | 79. | 107. | 178. | 207. | 288. | 375. | | | | |
| 221 Barre | 001 | F01 | 433 | 13. | 13. | 13. | 13. | 34. | 55. | 68. | 94. | 118. | | | | |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CONDUCTIMETRIC, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 Anaheim | 001 | I01 | 1757 | 13. | 13. | 13. | 26. | 26. | 52. | 79. | 157. | 288. | 29. | 27.86 | 22.42 | 1.89 |
| 024 Azusa | 002 | I01 | 2139 | 26. | 26. | 26. | 26. | 52. | 79. | 79. | 131. | 236. | 41. | 24.07 | 36.33 | 1.57 |
| 024 Burbank | 002 | I01 | 2138 | 26. | 26. | 26. | 26. | 52. | 52. | 79. | 131. | 236. | 39. | 22.63 | 34.82 | 1.53 |
| 024 Costa Mesa | 001 | I01 | 1843 | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 157. | 262. | 25. | 25.22 | 19.92 | 1.83 |
| 024 El Toro | 001 | I01 | 2113 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 79. | 14. | 4.11 | 13.65 | 1.20 |
| 024 Fontana | 001 | I01 | 2153 | 13. | 13. | 13. | 26. | 26. | 79. | 131. | 210. | 341. | 35. | 37.97 | 24.93 | 2.11 |
| 024 La Habra | 001 | I01 | 2054 | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 183. | 341. | 26. | 30.45 | 19.41 | 1.86 |
| 024 Lennox | 001 | I01 | 2076 | 26. | 26. | 26. | 26. | 52. | 105. | 131. | 288. | 498. | 54. | 50.99 | 42.07 | 1.88 |
| 024 Long Beach | 002 | I01 | 2095 | 26. | 26. | 26. | 26. | 52. | 131. | 157. | 288. | 445. | 54. | 53.06 | 41.31 | 1.94 |
| 024 Los Angeles | 001 | I01 | 2107 | 26. | 26. | 26. | 52. | 52. | 105. | 105. | 157. | 314. | 53. | 32.40 | 45.72 | 1.68 |
| | 002 | I01 | 2130 | 26. | 26. | 26. | 26. | 52. | 79. | 79. | 131. | 314. | 44. | 25.20 | 39.06 | 1.59 |
| 024 Los Angeles Co | 001 | I01 | 2154 | 26. | 26. | 26. | 26. | 26. | 26. | 52. | 79. | 183. | 29. | 12.02 | 27.54 | 1.25 |
| 024 Lynwood | 001 | I01 | 2108 | 26. | 26. | 26. | 26. | 52. | 79. | 105. | 183. | 367. | 44. | 31.67 | 37.50 | 1.67 |
| 024 Newhall | 001 | I01 | 2111 | 26. | 26. | 26. | 26. | 26. | 52. | 52. | 79. | 210. | 30. | 13.51 | 28.75 | 1.32 |
| 024 Pasadena | 004 | I01 | 2131 | 26. | 26. | 26. | 26. | 52. | 79. | 79. | 131. | 183. | 43. | 23.62 | 38.47 | 1.59 |
| 024 Pomona | 001 | I01 | 2154 | 26. | 26. | 26. | 26. | 52. | 79. | 79. | 131. | 236. | 42. | 25.92 | 36.44 | 1.61 |
| 024 Redondo Beach | 001 | I02 | 1491 | 26. | 26. | 26. | 26. | 26. | 52. | 79. | 157. | 236. | | | | |
| 024 Rubidoux | 001 | I01 | 2023 | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 105. | 157. | 25. | 16.98 | 21.02 | 1.69 |
| 024 San Bernardino | 001 | I01 | 2018 | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 105. | 131. | 21. | 15.32 | 18.42 | 1.63 |
| 024 Whittier | 001 | I01 | 2090 | 26. | 26. | 52. | 52. | 79. | 131. | 183. | 288. | 707. | 72. | 57.39 | 57.73 | 1.91 |
| 029 Chula Vista | 001 | I01 | 2077 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 157. | 14. | 5.71 | 13.41 | 1.17 |
| 029 El Cajon | 002 | I01 | 1782 | 13. | 13. | 13. | 13. | 26. | 26. | 26. | 52. | 79. | 19. | 9.04 | 17.73 | 1.48 |
| 029 Oceanside | 003 | I01 | 1807 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 79. | 13. | 2.88 | 13.21 | 1.10 |
| 029 San Diego | 004 | I01 | 1790 | 13. | 13. | 13. | 13. | 26. | 26. | 26. | 52. | 52. | 19. | 8.01 | 17.49 | 1.45 |
| 030 Benicia | 001 | I02 | 1925 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 105. | 16. | 9.41 | 14.46 | 1.37 |
| 030 Concord | 001 | I01 | 2154 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 105. | 183. | 19. | 17.22 | 16.08 | 1.60 |
| 030 Martinez | 001 | I02 | 2142 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 131. | 210. | 21. | 19.81 | 16.98 | 1.67 |
| 030 Napa | 003 | I01 | 2101 | 13. | 13. | 13. | 13. | 26. | 26. | 26. | 52. | 105. | 18. | 7.61 | 16.65 | 1.42 |
| 030 Pittsburg | 001 | I01 | 2126 | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 79. | 183. | 21. | 15.01 | 17.85 | 1.60 |
| 030 Richmond | 003 | I01 | 2136 | 13. | 13. | 13. | 26. | 26. | 79. | 79. | 131. | 419. | 31. | 28.87 | 23.95 | 1.93 |
| | 004 | I02 | 2084 | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 131. | 314. | 26. | 25.68 | 20.04 | 1.84 |
| | 005 | I02 | 2159 | 13. | 13. | 13. | 13. | 26. | 79. | 131. | 262. | 576. | 32. | 47.26 | 20.46 | 2.18 |
| 030 Santa Rosa | 002 | I01 | 2140 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | .01 | 13.10 | 1.00 |
| 030 Vallejo | 003 | I01 | 2131 | 13 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 183. | 15. | 9.32 | 14.05 | 1.31 |
| 031 Fresno Co | 002 | I01 | 1821 | 13. | 13. | 13. | 13. | 26. | 26. | 26. | 52. | 157. | 20. | 10.40 | 18.28 | 1.50 |
| **CONNECTICUT** | | | | | | | | | | | | | | | | |
| 042 New Britain | 002 | F01 | 1313 | 13. | 52. | 52. | 79. | 105. | 131. | 131. | 157. | 183. | | | | |
| 043 Greenwich | 001 | F01 | 2079 | 26. | 26. | 26. | 26. | 52. | 79. | 79. | 131. | 236. | 42. | 25.24 | 36.70 | 1.58 |
| | 008 | F01 | 1754 | 13. | 26. | 26. | 26. | 26. | 52. | 52. | 105. | 210. | 34. | 18.10 | 31.48 | 1.48 |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 067 Cook Co | 002 | H01 | 359 | 13. | 26. | 26. | 52. | 52. | 105. | 105. | 157. | 183. | | | | |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 077 Evansville | 001 | H01 | 573 | 13. | 13. | 13. | 13. | 13. | 34. | 42. | 63. | 86. | | | | |
| | 002 | H01 | 408 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 094 North Kansas City | 004 | F01 | 1542 | 13. | 13. | 13. | 13. | 13. | 13. | 78. | 209. | 524. | | | | |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 New York City | 014 | H01 | 2139 | 13. | 26. | 26. | 52. | 79. | 157. | 210. | 314. | 445. | 77. | 64.81 | 57.41 | 2.15 |
| **TEXAS** | | | | | | | | | | | | | | | | |
| 216 Houston | 036 | P01 | 664 | 13. | 13. | 13. | 13. | 13. | 31. | 50. | 134. | 325. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Ogden | 001 | F01 | 1634 | 13. | 13. | 13. | 26. | 26. | 105. | 183. | 314. | 472. | 42. | 59.50 | 26.36 | 2.28 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CONDUCTIMETRIC, 1 hour

### 1973 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 20 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Arlington Co | 008 | F02 | 744 | 13. | 13. | 26. | 47. | 65. | 118. | 144. | 210. | 249. | | | | |
| **WASHINGTON** | | | | | | | | | | | | | | | | |
| 062 Spokane | 012 | F01 | 973 | 13. | 13. | 13. | 26. | 26. | 79. | 105. | 210. | 288. | | | | |
| 193 Camas | 003 | F02 | 2015 | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 210. | 1310. | 31. | 53.15 | 21.36 | 1.99 |
| 193 Vancouver | 007 | F01 | 669 | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 131. | | | | |
| 228 Bellingham | 009 | F01 | 715 | 13. | 13. | 26. | 26. | 52. | 52. | 79. | 79. | 131. | | | | |
| 228 Skagit Co | 003 | I02 | 2100 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 105. | 367. | 19. | 22.90 | 15.49 | 1.58 |
| 229 Seattle | 009 | F01 | 927 | 13. | 13. | 26. | 52. | 52. | 105. | 105. | 183. | 236. | | | | |
| 229 Tacoma | 001 | F01 | 1911 | 26. | 52. | 52. | 79. | 79. | 105. | 105. | 157. | 367. | 72. | 28.29 | 67.61 | 1.41 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 004 Fairfield | 003 | G01 | 1916 | 13. | 65. | 65. | 65. | 65. | 97. | 121. | 183. | 286. | 71. | 26.50 | 66.73 | 1.50 |
| 005 Mobile | 008 | G01 | 1344 | 13. | 13. | 13. | 13. | 26. | 71. | 157. | 432. | 773. | | | | |
| 007 Jackson Co | 023 | F02 | 1083 | 13. | 13. | 13. | 13. | 13. | 212. | 576. | 2620. | 2620. | | | | |
| 007 Muscle Shoals | 001 | F01 | 1965 | 13. | 13. | 13. | 26. | 39. | 58. | 92. | 215. | 406. | 35. | 36.07 | 26.40 | 2.01 |
| **ARIZONA** | | | | | | | | | | | | | | | | |
| 015 Glendale | 001 | G01 | 1040 | 13. | 13. | 13. | 13. | 31. | 76. | 94. | 128. | 238. | | | | |
| 015 Tucson | 011 | G01 | 1396 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 79. | 183. | | | | |
| **COLORADO** | | | | | | | | | | | | | | | | |
| 036 Arvada | 002 | F01 | 1394 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 79. | | | | |
| 036 Denver | 002 | F01 | 1913 | 13. | 13. | 13. | 13. | 29. | 71. | 105. | 183. | 430. | 31. | 37.78 | 21.52 | 2.12 |
| | 009 | F01 | 1677 | 13. | 13. | 13. | 13. | 13. | 26. | 39. | 105. | 262. | 18. | 18.61 | 15.51 | 1.56 |
| | 010 | F01 | 1761 | 13. | 13. | 13. | 13. | 13. | 26. | 39. | 92. | 275. | 17. | 17.00 | 15.18 | 1.51 |
| | 011 | F01 | 1647 | 13. | 13. | 13. | 13. | 13. | 52. | 79. | 157. | 249. | 24. | 26.89 | 18.51 | 1.87 |
| 036 Welby | 001 | F01 | 1862 | 13. | 13. | 13. | 13. | 13. | 39. | 79. | 157. | 275. | 22. | 27.51 | 16.39 | 1.78 |
| **CONNECTICUT** | | | | | | | | | | | | | | | | |
| 042 Hartford | 007 | F01 | 604 | 13. | 26. | 26. | 52. | 52. | 105. | 131. | 183. | 236. | | | | |
| 042 Milford | 002 | F01 | 1905 | 13. | 13. | 26. | 26. | 52. | 79. | 79. | 131. | 236. | 41. | 26.13 | 34.76 | 1.79 |
| 043 Bridgeport | 003 | F01 | 2036 | 13. | 26. | 26. | 52. | 79. | 131. | 157. | 236. | 1729. | 67. | 59.64 | 52.23 | 2.03 |
| **DISTRICT OF COLUMBIA** | | | | | | | | | | | | | | | | |
| 047 Washington | 008 | I02 | 816 | 13. | 13. | 13. | 37. | 55. | 102. | 141. | 202. | 440. | | | | |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 049 Jacksonville | 032 | H01 | 1684 | 13. | 13. | 13. | 13. | 26. | 65. | 105. | 262. | 498. | 31. | 45.42 | 20.71 | 2.12 |
| 050 West Palm Beach | 001 | G01 | 1846 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 29. | 52. | 13. | 2.68 | 13.30 | 1.13 |
| 052 Tampa | 021 | G02 | 1920 | 13. | 26. | 26. | 26. | 26. | 79. | 157. | 524. | 1572. | 52. | 104.48 | 35.56 | 1.89 |
| | 035 | G02 | 1872 | 13. | 26. | 26. | 26. | 26. | 105. | 157. | 419. | 865. | 51. | 73.05 | 36.93 | 1.90 |
| **GEORGIA** | | | | | | | | | | | | | | | | |
| 053 Augusta | 003 | F01 | 2109 | 13. | 13. | 13. | 13. | 13. | 39. | 54. | 78. | 131. | 19. | 13.93 | 16.30 | 1.62 |
| 054 Macon | 002 | F01 | 1999 | 13. | 13. | 13. | 13. | 13. | 13. | 35. | 52. | 377. | 15. | 12.25 | 14.21 | 1.35 |
| 054 Milledgeville | 001 | F01 | 326 | 13. | 13. | 13. | 13. | 13. | 33. | 79. | 255. | 399. | | | | |
| 056 Atlanta | 001 | G01 | 1872 | 13. | 13. | 13. | 13. | 39. | 65. | 105. | 211. | 517. | 34. | 39.91 | 24.02 | 2.16 |
| | 031 | G01 | 522 | 13. | 13. | 13. | 13. | 33. | 52. | 59. | 59. | 65. | | | | |
| | 034 | F01 | 296 | 13. | 13. | 13. | 13. | 13. | 39. | 65. | 104. | 130. | | | | |
| | 039 | G01 | 596 | 13. | 13. | 13. | 13. | 39. | 59. | 98. | 255. | 380. | | | | |
| 058 Savannah | 008 | F01 | 1542 | 13. | 13. | 13. | 13. | 40. | 79. | 99. | 186. | 352. | | | | |
| 059 Dougherty Co | 003 | F01 | 2020 | 13. | 13. | 13. | 13. | 13. | 35. | 69. | 190. | 580. | 21. | 35.62 | 15.73 | 1.76 |
| **IDAHO** | | | | | | | | | | | | | | | | |
| 061 Bannock Co | 004 | F02 | 1407 | 13. | 13. | 13. | 13. | 26. | 210. | 393. | 734. | 1651. | | | | |
| 061 Caribou Co | 014 | F02 | 264 | 13. | 13. | 13. | 13. | 13. | 26. | 79. | 210. | 314. | | | | |
| | 015 | J02 | 1959 | 13. | 13. | 13. | 26. | 26. | 52. | 105. | 262. | 603. | 34. | 48.97 | 24.00 | 1.98 |
| 062 Kellogg | 007 | F02 | 1047 | 13. | 13. | 13. | 131. | 262. | 655. | 1048. | 2096. | 3537. | | | | |
| | 011 | J02 | 1517 | 13. | 13. | 26. | 79. | 210. | 603. | 891. | 1651. | 3275. | | | | |
| | 012 | J02 | 2155 | 13. | 13. | 26. | 79. | 157. | 472. | 786. | 1572. | 3642. | 184. | 316.82 | 71.36 | 4.04 |
| 062 Shoshone Co | 021 | F02 | 1050 | 13. | 13. | 13. | 131. | 262. | 786. | 1179. | 2882. | 6157. | | | | |
| | 026 | J02 | 2086 | 13. | 13. | 13. | 79. | 210. | 681. | 1153. | 2227. | 5161. | 253. | 479.18 | 74.69 | 4.94 |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 067 Calumet City | 001 | G01 | 608 | 13. | 13. | 13. | 26. | 52. | 157. | 210. | 236. | 314. | | | | |
| 067 Chicago | 033 | F01 | 782 | 13. | 13. | 34. | 55. | 89. | 183. | 220. | 330. | 862. | | | | |
| 067 Chicago Heights | 001 | G01 | 676 | 13. | 26. | 26. | 26. | 26. | 52. | 52. | 131. | 210. | | | | |
| 067 Cook Co | 016 | H01 | 1010 | 13. | 13. | 13. | 26. | 39. | 79. | 92. | 210. | 498. | | | | |
| 067 Hillside | 001 | G01 | 658 | 13. | 13. | 26. | 26. | 52. | 105. | 131. | 183. | 288. | | | | |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ILLINOIS — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 067 Joliet | 005 | F01 | 766 | 13. | 13. | 13. | 29. | 50. | 131. | 155. | 231. | 354. |  |  |  |  |
| 070 East St Louis | 008 | F01 | 913 | 13. | 50. | 63. | 76. | 92. | 126. | 176. | 367. | 579. |  |  |  |  |
| 071 Bureau Co | 005 | J02 | 336 | 13. | 13. | 13. | 13. | 47. | 94. | 144. | 335. | 629. |  |  |  |  |
|  | 006 | J02 | 336 | 13. | 13. | 13. | 31. | 58. | 134. | 220. | 438. | 1038. |  |  |  |  |
| 071 La Salle | 001 | F01 | 874 | 13. | 13. | 13. | 34. | 55. | 94. | 118. | 155. | 231. |  |  |  |  |
| 074 Marion | 001 | F01 | 826 | 13. | 13. | 26. | 52. | 84. | 157. | 220. | 307. | 579. |  |  |  |  |
| **INDIANA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 067 East Chicago | 010 | H01 | 2029 | 13. | 13. | 13. | 13. | 26. | 71. | 105. | 333. | 2617. | 50. | 225.26 | 22.14 | 2.33 |
| 067 Gary | 001 | H01 | 1965 | 13. | 13. | 13. | 26. | 52. | 84. | 110. | 231. | 603. | 42. | 42.27 | 30.28 | 2.13 |
| 067 Hammond | 002 | H01 | 2064 | 26. | 26. | 26. | 26. | 26. | 47. | 79. | 183. | 1415. | 36. | 52.02 | 30.14 | 1.53 |
| 080 Indianapolis | 021 | F01 | 1711 | 13. | 13. | 29. | 50. | 76. | 136. | 183. | 383. | 810. | 67. | 70.82 | 44.52 | 2.46 |
|  | 025 | F01 | 1860 | 13. | 13. | 26. | 39. | 63. | 115. | 155. | 275. | 571. | 55. | 53.55 | 38.31 | 2.34 |
| **IOWA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 065 Lee Co | 004 | F02 | 911 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 46. | 196. |  |  |  |  |
| 068 Dubuque | 008 | F02 | 647 | 13. | 13. | 13. | 13. | 13. | 13. | 46. | 157. | 210. |  |  |  |  |
| 068 Cedar Rapids | 018 | G02 | 2134 | 13. | 13. | 13. | 26. | 39. | 84. | 136. | 362. | 668. | 43. | 64.41 | 27.87 | 2.25 |
|  | 020 | G02 | 5 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  |  |  |  |
|  | 023 | G01 | 2078 | 13. | 13. | 13. | 13. | 31. | 73. | 118. | 317. | 655. | 36. | 55.92 | 23.44 | 2.20 |
| **KANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 094 Kansas City | 001 | H01 | 2008 | 13. | 13. | 13. | 13. | 50. | 120. | 200. | 360. | 720. | 50. | 70.96 | 28.83 | 2.59 |
|  | 011 | F01 | 1436 | 13. | 13. | 13. | 13. | 13. | 13. | 40. | 110. | 240. |  |  |  |  |
| 095 Lawrence | 003 | F01 | 1485 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 90. | 160. |  |  |  |  |
| 095 Topeka | 003 | F01 | 2160 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | .01 | 13.10 | 1.00 |
| 097 Goodland | 001 | F01 | 934 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 100. | 230. |  |  |  |  |
| 097 Hays | 001 | F01 | 1468 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  |  |  |  |
| 099 Wichita | 010 | F01 | 583 | 13. | 13. | 13. | 13. | 13. | 30. | 40. | 65. | 85. |  |  |  |  |
| **KENTUCKY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 072 Mc Cracken Co | 001 | F02 | 1553 | 13. | 13. | 13. | 13. | 13. | 52. | 76. | 477. | 1043. |  |  |  |  |
| 072 Paducah | 020 | F01 | 1708 | 13. | 13. | 13. | 29. | 37. | 65. | 97. | 275. | 1360. | 38. | 58.95 | 26.80 | 2.10 |
| 078 Louisville | 011 | G01 | 2123 | 13. | 13. | 39. | 52. | 79. | 118. | 170. | 262. | 734. | 64. | 53.11 | 48.17 | 2.14 |
|  | 015 | G01 | 1695 | 13. | 13. | 13. | 13. | 39. | 131. | 236. | 445. | 1415. | 55. | 94.46 | 28.28 | 2.74 |
|  | 020 | G01 | 1467 | 13. | 13. | 13. | 26. | 52. | 131. | 196. | 393. | 865. |  |  |  |  |
|  | 022 | G01 | 114 | 13. | 13. | 13. | 26. | 39. | 65. | 105. | 131. | 288. |  |  |  |  |
| 078 St Matthews | 004 | G01 | 1484 | 13. | 13. | 13. | 26. | 52. | 183. | 262. | 419. | 681. |  |  |  |  |
| 079 Newport | 001 | F01 | 1657 | 13. | 13. | 26. | 39. | 52. | 105. | 134. | 210. | 367. | 51. | 41.91 | 39.42 | 2.01 |
| 102 Lexington | 002 | F01 | 1578 | 13. | 13. | 13. | 26. | 34. | 65. | 84. | 107. | 165. |  |  |  |  |
| 103 Ashland | 008 | F01 | 1959 | 13. | 13. | 13. | 13. | 13. | 42. | 71. | 155. | 299. | 22. | 25.99 | 16.94 | 1.79 |
| **LOUISIANA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 106 Baton Rouge | 003 | F01 | 979 | 13. | 13. | 13. | 13. | 26. | 52. | 65. | 118. | 157. | 25. | 22.18 | 19.36 | 1.87 |
| 106 New Orleans | 083 | F01 | 608 | 13. | 13. | 13. | 26. | 39. | 65. | 79. | 105. | 223. | 31. | 25.61 | 24.01 | 1.98 |
| **MASSACHUSETTS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 042 Springfield | 005 | F01 | 2093 | 13. | 13. | 39. | 58. | 79. | 126. | 157. | 215. | 330. | 66. | 44.99 | 51.24 | 2.10 |
| 117 Pittsfield | 004 | F01 | 1761 | 13. | 13. | 13. | 13. | 37. | 68. | 89. | 139. | 288. | 32. | 29.37 | 23.47 | 2.09 |
| 118 Fitchburg | 003 | F01 | 2119 | 13 | 13 | 13. | 13. | 47. | 81. | 100. | 134. | 244. | 37. | 31.41 | 26.58 | 2.18 |
| 118 Worchester | 012 | F01 | 2147 | 13. | 26. | 45. | 60. | 84. | 136. | 160. | 228. | 844. | 72. | 51.23 | 57.97 | 1.98 |
| 119 Boston | 002 | F01 | 1873 | 13. | 31. | 52. | 68. | 92. | 134. | 155. | 215. | 359. | 77. | 42.70 | 65.51 | 1.84 |
| 119 Cambridge | 004 | F01 | 1956 | 13. | 13. | 29. | 45. | 63. | 102. | 123. | 173. | 259. | 51. | 36.80 | 39.29 | 2.14 |
| 119 Medford | 003 | F01 | 1784 | 13. | 13. | 13. | 29. | 50. | 100. | 131. | 178. | 233. | 43. | 39.55 | 29.72 | 2.30 |
| 119 Quincy | 002 | F01 | 2075 | 13. | 13. | 13. | 34. | 52. | 86. | 107. | 165. | 314. | 42. | 34.72 | 30.96 | 2.17 |
| 119 Salem | 001 | F01 | 1358 | 13. | 13. | 13. | 13. | 34. | 71. | 100. | 191. | 362. |  |  |  |  |
| 119 Waltham | 004 | F01 | 2112 | 13. | 13. | 29. | 42. | 58. | 100. | 126. | 186. | 275. | 51. | 38.07 | 39.17 | 2.08 |
| 120 Fall River | 004 | F01 | 1958 | 13. | 13. | 26. | 37. | 52. | 86. | 113. | 210. | 550. | 47. | 43.51 | 34.94 | 2.11 |
| 121 Lowell | 004 | F01 | 2089 | 13. | 13. | 13. | 37. | 55. | 100. | 118. | 147. | 194. | 46. | 34.39 | 34.89 | 2.15 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MICHIGAN** | | | | | | | | | | | | | | | | |
| 122 Flint | 011 | H01 | 2012 | 13. | 13. | 13. | 13. | 52. | 79. | 105. | 157. | 341. | 32. | 33.82 | 22.17 | 2.20 |
| 122 Muskegon | 018 | G01 | 2040 | 13. | 13. | 13. | 13. | 13. | 79. | 183. | 1808. | 2358. | 76. | 275.40 | 20.93 | 2.91 |
| | 021 | G01 | 1670 | 13. | 13. | 13. | 13. | 13. | 52. | 79. | 157. | 550. | 25. | 36.86 | 17.61 | 1.93 |
| 123 Allen Park | 001 | G01 | 1946 | 13. | 13. | 13. | 13. | 37. | 89. | 126. | 215. | 398. | 36. | 43.57 | 23.39 | 2.29 |
| 123 Dearborn | 003 | G01 | 1773 | 13. | 13. | 13. | 13. | 45. | 118. | 178. | 388. | 665. | 48. | 69.45 | 27.33 | 2.58 |
| 123 Detroit | 014 | G01 | 1766 | 13. | 13. | 13. | 13. | 37. | 79. | 107. | 173. | 280. | 33. | 35.78 | 23.10 | 2.19 |
| | 015 | G01 | 1967 | 13. | 13. | 29. | 45. | 79. | 202. | 286. | 487. | 872. | 80. | 97.75 | 46.17 | 2.80 |
| | 016 | G01 | 1855 | 13. | 13. | 13. | 29. | 50. | 110. | 155. | 252. | 582. | 47. | 53.30 | 30.36 | 2.44 |
| | 017 | G01 | 1742 | 13. | 13. | 13. | 13. | 31 | 58. | 76. | 118. | 165. | 27. | 23.85 | 20.52 | 1.94 |
| | 018 | G01 | 1851 | 13. | 13. | 13. | 13. | 31. | 76. | 110. | 197. | 388. | 32. | 38.65 | 21.70 | 2.17 |
| | 019 | G01 | 1978 | 13. | 13. | 13. | 13. | 13. | 47. | 66. | 118. | 217. | 23. | 21.53 | 18.40 | 1.81 |
| | 020 | G01 | 1838 | 13. | 13. | 13. | 34. | 52. | 121. | 176. | 283. | 424. | 51. | 56.94 | 32.78 | 2.47 |
| 123 Livonia | 002 | G01 | 1943 | 13. | 13. | 13. | 13. | 31. | 73. | 102. | 191. | 278. | 31. | 35.48 | 21.87 | 2.14 |
| 123 River Rouge | 005 | G01 | 2026 | 13. | 13. | 13. | 37. | 58. | 118. | 157. | 257. | 663. | 53. | 54.09 | 35.51 | 2.40 |
| 123 Trenton | 003 | G01 | 1667 | 13. | 13. | 13. | 13. | 31. | 66. | 94. | 168. | 307. | 30. | 32.64 | 21.62 | 2.08 |
| 123 Warren | 001 | G01 | 1686 | 13. | 13. | 13. | 13. | 52. | 105. | 157. | 262. | 445. | 46. | 53.51 | 28.15 | 2.58 |
| 123 Wayne Co | 009 | G01 | 1929 | 13. | 13. | 13. | 13. | 13. | 45. | 76. | 155. | 328. | 23. | 27.52 | 17.09 | 1.83 |
| 123 Westland | 001 | G01 | 1807 | 13. | 13. | 13. | 13. | 13. | 13. | 37. | 79. | 194. | 16. | 13.35 | 14.44 | 1.44 |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 127 St Cloud | 021 | H01 | 616 | 13. | 13. | 13. | 13. | 13. | 34. | 34. | 155. | 325. | | | | |
| 128 Rochester | 001 | G01 | 2160 | 13. | 13. | 13. | 26. | 39. | 79. | 131. | 288. | 524. | 41. | 51.44 | 27.62 | 2.23 |
| 129 Duluth | 016 | G01 | 2160 | 13. | 13. | 13. | 26. | 39. | 65. | 79. | 131. | 236. | 32. | 25.03 | 25.91 | 1.91 |
| 131 Bloomington | 009 | F01 | 1786 | 13. | 13. | 13. | 31. | 45. | 76. | 107. | 225. | 445. | 41. | 43.35 | 29.03 | 2.17 |
| 131 Dakota Co | 020 | F02 | 2044 | 13. | 13. | 13. | 37. | 63. | 223. | 364. | 828. | 1622. | 89. | 155.02 | 40.46 | 3.18 |
| 131 Hennepin Co | 007 | F01 | 1122 | 13. | 13. | 13. | 13. | 29. | 68. | 92. | 144. | 238. | | | | |
| 131 Minneapolis | 005 | H01 | 2077 | 13. | 13. | 34. | 47. | 65. | 113. | 139. | 225. | 354. | 58. | 42.08 | 46.01 | 2.01 |
| | 022 | H01 | 1922 | 13. | 13. | 39. | 58. | 86. | 149. | 196. | 280. | 377. | 74. | 57.66 | 55.50 | 2.20 |
| | 027 | F01 | 2088 | 13. | 31. | 45. | 58. | 79. | 128. | 155. | 252. | 605. | 70. | 46.78 | 58.44 | 1.84 |
| | 032 | F01 | 1935 | 13. | 13. | 29. | 39. | 52. | 84. | 110. | 225. | 445. | 47. | 39.94 | 36.93 | 2.00 |
| 131 St Paul | 001 | H01 | 129 | 13. | 29. | 37. | 50. | 65. | 113. | 134. | 168. | 265. | | | | |
| | 031 | H01 | 1978 | 13. | 13. | 34. | 47. | 65. | 105. | 128. | 191. | 414. | 56. | 40.61 | 45.54 | 1.95 |
| 131 St Paul Park | 005 | F01 | 1710 | 13. | 13. | 50. | 79. | 121. | 524. | 700. | 907. | 959. | 163. | 214.02 | 83.06 | 3.17 |
| **MISSISSIPPI** | | | | | | | | | | | | | | | | |
| 005 Biloxi | 002 | F01 | 1318 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 78. | 913. | | | | |
| 005 Jackson | 003 | F01 | 1891 | 13. | 13. | 13. | 13. | 13. | 13. | 29. | 43. | 123. | 15. | 7.48 | 13.85 | 1.28 |
| 005 Moss Point | 001 | F01 | 1805 | 13. | 13. | 13. | 13. | 13. | 27. | 45. | 102. | 270. | 18. | 18.03 | 15.34 | 1.57 |
| 018 De Soto Co | 002 | F01 | 1591 | 13. | 13. | 13. | 13. | 13. | 13. | 30. | 60. | 150. | | | | |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 070 Jefferson Co | 005 | F02 | 1370 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 417. | 1885. | | | | |
| 138 Iron Co | 005 | F02 | 895 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 157. | 683. | | | | |
| **MONTANA** | | | | | | | | | | | | | | | | |
| 140 Billings | 006 | F05 | 252 | 13. | 13. | 13. | 26. | 52. | 131. | 157. | 236. | 367. | | | | |
| 142 Anaconda | 904 | F02 | 2155 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 157. | 629. | 19. | 31.95 | 14.59 | 1.58 |
| 142 Deer Lodge Co | 037 | F02 | 2135 | 13. | 13. | 13. | 13. | 13. | 26. | 79. | 262. | 1048. | 24. | 59.17 | 15.69 | 1.83 |
| | 905 | F02 | 1913 | 13. | 13. | 13. | 13. | 13. | 26. | 79. | 210. | 865. | 23. | 44.76 | 16.29 | 1.82 |
| 142 Helena | 001 | F01 | 1695 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 52. | 367. | 15. | 14.74 | 13.75 | 1.32 |
| 142 Jefferson Co | 007 | F02 | 1346 | 13. | 13. | 13. | 13. | 13. | 157. | 262. | 734. | 1467. | | | | |
| | 902 | F02 | 2101 | 13. | 13. | 13. | 13. | 13. | 157. | 314. | 1310. | 4087. | 77. | 264.96 | 22.60 | 3.11 |
| | 903 | F02 | 2039 | 13. | 13. | 13. | 13. | 13. | 157. | 262. | 629. | 1153. | 55. | 117.91 | 23.16 | 2.88 |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | |
| 107 Berlin | 007 | F01 | 2090 | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 191. | 498. | 28. | 34.62 | 20.55 | 1.95 |
| 121 Keene | 004 | F01 | 2051 | 13. | 13. | 13. | 34. | 52. | 79. | 94. | 139. | 183. | 39. | 28.82 | 30.15 | 2.08 |
| 121 Manchester | 009 | F01 | 1942 | 13. | 26. | 47. | 60. | 86. | 139. | 170. | 275. | 603. | 75. | 53.59 | 61.09 | 1.93 |
| 121 Nashua | 005 | F01 | 2103 | 13. | 29. | 39. | 50. | 65. | 100. | 121. | 173. | 249. | 58. | 32.50 | 50.15 | 1.73 |
| 121 Portsmouth | 007 | F01 | 2027 | 13. | 13. | 13. | 13. | 34. | 65. | 105. | 152. | 296. | 32. | 31.41 | 23.10 | 2.06 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 1 hour
### 1973 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 012 Bayard | 001 | F01 | 1642 | 13. | 13. | 13. | 13. | 13. | 157. | 786. | 3485. | 6445. | 159. | 404.44 | 22.31 | 3.79 |
| 012 Grant Co | 007 | F02 | 1236 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 210. | 1074. | | | | |
| 012 Hidalgo Co | 005 | F02 | 1310 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 52. | 210. | | | | |
| 014 Farmington | 003 | F01 | 11 | 131. | 131. | 262. | 393. | 524. | 655. | 786. | 786. | 786. | | | | |
| 014 San Juan Co | 005 | F02 | 1987 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 183. | 16. | 11.21 | 14.95 | 1.42 |
| | 013 | F02 | 1813 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 79. | 13. | 2.03 | 13.18 | 1.08 |
| | 014 | F02 | 1973 | 13. | 13. | 13. | 13. | 13. | 26. | 55. | 155. | 487. | 20. | 33.72 | 15.53 | 1.69 |
| | 015 | F02 | 1865 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 39. | 302. | 14. | 8.12 | 13.57 | 1.24 |
| | 017 | F02 | 2044 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 105. | 262. | 20. | 18.30 | 16.75 | 1.61 |
| 153 Dona Ana Co | 002 | F02 | 1823 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 210. | 655. | 22. | 39.02 | 15.76 | 1.73 |
| | 009 | F02 | 1331 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Babylon | 002 | F01 | 1810 | 13. | 13. | 13. | 13. | 39. | 86. | 115. | 162. | 419. | 36. | 37.53 | 24.85 | 2.23 |
| 158 Syracuse | 005 | F01 | 1614 | 13. | 13. | 13. | 13. | 39. | 71. | 100. | 176. | 488. | | | | |
| | 011 | F01 | 2017 | 13. | 13. | 13. | 39. | 58. | 94. | 113. | 160. | 233. | 46. | 34.27 | 35.01 | 2.15 |
| 158 Utica | 004 | F01 | 1595 | 13. | 13. | 13. | 13. | 29. | 45. | 55. | 86. | 217. | | | | |
| 162 Buffalo | 005 | F01 | 1728 | 13. | 13. | 26. | 42. | 73. | 155. | 202. | 375. | 574. | 67. | 72.44 | 43.47 | 2.53 |
| 162 Lackawanna | 001 | F01 | 1689 | 13. | 26. | 47. | 71. | 113. | 249. | 330. | 451. | 831. | 107. | 101.23 | 72.79 | 2.45 |
| 162 Niagara Falls | 006 | F01 | 1484 | 13. | 13. | 52. | 81. | 134. | 283. | 385. | 561. | 820. | | | | |
| 163 Binghamton | 007 | F01 | 1910 | 13. | 13. | 13. | 13. | 42. | 71. | 89. | 126. | 225. | 33. | 27.79 | 25.16 | 2.07 |
| 164 Jamestown | 005 | F01 | 770 | 13. | 13. | 29. | 45. | 68. | 121. | 147. | 223. | 293. | | | | |
| **NORTH CAROLINA** | | | | | | | | | | | | | | | | |
| 167 Charlotte | 024 | G02 | 1569 | 13. | 13. | 13. | 29. | 40. | 59. | 83. | 164. | 316. | | | | |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 000 Springdale | 004 | G01 | 1911 | 13. | 13. | 58. | 100. | 173. | 369. | 511. | 723. | 925. | 152. | 153.82 | 92.09 | 2.91 |
| 045 Lansdale | 001 | F01 | 1020 | 13. | 13. | 26. | 52. | 52. | 105. | 105. | 183. | 236. | | | | |
| 045 Philadelphia | 019 | H01 | 1732 | 13. | 26. | 26. | 52. | 79. | 131. | 183. | 262. | 472. | 69. | 56.92 | 51.98 | 2.09 |
| | 021 | H01 | 1990 | 13. | 26. | 26. | 26. | 52. | 105. | 131. | 210. | 524. | 52. | 44.10 | 40.93 | 1.93 |
| | 022 | H01 | 1863 | 13. | 13. | 26. | 52. | 79. | 157. | 236. | 524. | 996. | 85. | 94.47 | 56.51 | 2.43 |
| 045 Pottstown | 001 | F01 | 816 | 13. | 13. | 13. | 26. | 52. | 131. | 157. | 210. | 288. | | | | |
| 178 Farrell | 621 | F01 | 720 | 13. | 13. | 13. | 13. | 79. | 157. | 183. | 288. | 629. | | | | |
| 197 Allegheny Co | 082 | G01 | 1982 | 13. | 29. | 50. | 81. | 131. | 275. | 403. | 791. | 1512. | 129. | 152.16 | 82.72 | 2.52 |
| | 083 | G01 | 1969 | 13. | 13. | 34. | 42. | 55. | 100. | 144. | 220. | 348. | 54. | 43.32 | 42.31 | 1.97 |
| 197 Bellevue | 002 | G01 | 1921 | 13. | 13. | 34. | 50. | 68. | 110. | 136. | 207. | 563. | 58. | 43.60 | 44.58 | 2.12 |
| 197 Butler | 541 | F01 | 1680 | 13. | 13. | 13. | 13. | 26. | 79. | 131. | 183. | 393. | 34. | 40.88 | 22.41 | 2.23 |
| 197 Glassport | 002 | G01 | 2086 | 13. | 13. | 39. | 58. | 81. | 144. | 194. | 327. | 726. | 74. | 65.32 | 55.07 | 2.17 |
| 197 Greensburg | 542 | F01 | 1464 | | 13. | 52. | 105. | 131. | 157. | 183. | 236. | 393. | | | | |
| 197 Pittsburgh | 004 | G01 | 2133 | 13. | 39. | 68. | 100. | 144. | 267. | 351. | 532. | 1006. | 131. | 105.88 | 98.20 | 2.19 |
| | 005 | G01 | 1896 | 13. | 13. | 34. | 50. | 81. | 139. | 173. | 270. | 435. | 67. | 55.53 | 47.95 | 2.33 |
| 197 Washington | 543 | F01 | 1212 | 13. | 13. | 13. | 26. | 79. | 131. | 183. | 314. | 524. | | | | |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 053 North Augusta | 001 | F01 | 196 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 30. | 40. | | | | |
| 058 Beaufort | 001 | F01 | 1720 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 70. | 13. | 2.36 | 13.18 | 1.09 |
| 198 Sumter | 003 | F01 | 1008 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| 199 Charleston Co | 003 | F02 | 1865 | 13. | 13. | 13. | 13. | 13. | 50. | 85. | 160. | 330. | 23. | 29.60 | 16.82 | 1.86 |
| 203 Greenwood | 001 | F01 | 1203 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 207 Knoxville | 011 | G01 | 418 | 13. | 13. | 13. | 26. | 39. | 71. | 92. | 118. | 136. | | | | |
| 207 Polk Co | 003 | F01 | 1076 | 13 | 13. | 13. | 52. | 157. | 472. | 734. | 1520. | 4559. | | | | |
| 208 Nashville | 011 | G01 | 1840 | 26. | 26. | 26. | 52. | 79. | 131. | 157. | 210. | 262. | 62. | 43.46 | 50.32 | 1.91 |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Magna | 901 | A05 | 1964 | 13. | 13. | 13. | 105. | 393. | 1598. | 2620. | 6681. | 15013. | 568. | 243.95 | 105.09 | 7.11 |
| | 902 | A05 | 1952 | 13. | 13. | 13. | 52. | 210. | 681. | 1048. | 2646. | 6471. | 250. | 522.58 | 62.45 | 5.28 |
| | 903 | A05 | 2061 | 13. | 13. | 13. | 13. | 105. | 367. | 603. | 1310. | 2908. | 135. | 262.14 | 39.69 | 4.33 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 009 | H01 | 2009 | 13. | 39. | 65. | 79. | 92. | 131. | 157. | 210. | 1048. | 85. | 44.83 | 76.66 | 1.56 |
| 047 Arlington Co | 008 | F02 | 1372 | 13. | 13. | 26. | 47. | 65. | 110. | 136. | 183. | 346. | | | | |
| 047 Fairfax | 005 | G01 | 2148 | 13. | 13. | 33. | 46. | 59. | 85. | 104. | 156. | 293. | 49. | 31.61 | 39.91 | 1.99 |
| 047 Fairfax Co | 014 | G01 | 1548 | 13. | 13. | 33. | 46. | 59. | 91. | 111. | 143. | 195. | | | | |
| 047 Mc Lean | 001 | G01 | 1416 | 13. | 13. | 13. | 39. | 52. | 78. | 91. | 124. | 175. | | | | |
| 207 Bristol | 003 | F01 | 1816 | 13. | 13. | 13. | 26. | 39. | 79. | 92. | 157. | 236. | 37. | 30.68 | 28.57 | 2.03 |
| 207 Marion | 004 | F01 | 1750 | 13. | 13. | 13. | 13. | 26. | 39. | 39. | 65. | 79. | 21. | 11.99 | 18.36 | 1.61 |
| 223 Chesapeake | 001 | F02 | 2028 | 13. | 13. | 13. | 34. | 50. | 89. | 123. | 191. | 1271. | 45. | 51.98 | 32.09 | 2.20 |
| 223 Hampton | 004 | F02 | 2160 | 13. | 13. | 13. | 34. | 50. | 73. | 94. | 152. | 286. | 39. | 30.42 | 30.32 | 2.05 |
| 223 Norfolk | 010 | F01 | 2136 | 13. | 13. | 26. | 42. | 55. | 92. | 121. | 217. | 424. | 48. | 40.43 | 36.73 | 2.10 |
| 225 Hopewell | 004 | F02 | 2016 | 13. | 13. | 26. | 39. | 52. | 92. | 105. | 223. | 498. | 47. | 42.70 | 35.55 | 2.10 |
| **WEST VIRGINIA** | | | | | | | | | | | | | | | | |
| 181 Wheeling | 006 | H01 | 1303 | 13. | 13. | 13. | 39. | 79. | 170. | 236. | 406. | 786. | | | | |
| 234 Charleston | 004 | F01 | 2082 | 13. | 13. | 13. | 32. | 50. | 97. | 139. | 289. | 527. | 47. | 51.77 | 31.63 | 2.32 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC, 2 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGIN ISLANDS** | | | | | | | | | | | | | | | | |
| 247 Charlotte Amalie | 005 | F01 | 648 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | | | |

Preceding page blank

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL FLAME PHOTOMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 005 Mobile Co | 024 | G01 | 676 | 13. | 13. | 13. | 13. | 13. | 13. | 52. | 236. | 1431. | | | | |
| **CONNECTICUT** | | | | | | | | | | | | | | | | |
| 042 Hartford | 007 | F01 | 381 | 13. | 26. | 26. | 52. | 52. | 79. | 79. | 105. | 341. | | | | |
| 043 Greenwich | 004 | F01 | 480 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 52. | 79. | | | | |
| 043 Stamford | 123 | F01 | 1943 | 13. | 13. | 13. | 52. | 105. | 210. | 262. | 393. | 891. | 83. | 97.80 | 44.80 | 3.05 |
| **GEORGIA** | | | | | | | | | | | | | | | | |
| 054 Milledgeville | 001 | F01 | 959 | 13. | 13. | 13. | 13. | 13. | 51. | 106. | 212. | 290. | | | | |
| 056 Newnan | 001 | F01 | 1666 | 13. | 13. | 13. | 13. | 13. | 46. | 80. | 353. | 9942. | 41. | 348.20 | 18.61 | 2.09 |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 077 Evansville | 008 | H01 | 1078 | 13. | 13. | 13. | 31. | 39. | 58. | 71. | 118. | 170. | | | | |
| 080 Indianapolis | 025 | H01 | 1886 | 13. | 13. | 13. | 26. | 52. | 105. | 157. | 472. | 1703. | 53. | 101.33 | 30.48 | 2.48 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | |
| 119 Beverly | 001 | J05 | 1594 | 13. | 13. | 13. | 31. | 39. | 60. | 71. | 86. | 100. | | | | |
| 119 Danvers | 001 | J05 | 2077 | 13. | 13. | 13. | 13. | 29. | 52. | 73. | 115. | 189. | 26. | 22.23 | 20.47 | 1.88 |
| 119 Marblehead | 002 | J05 | 1830 | 13. | 13. | 13. | 13. | 39. | 71. | 94. | 141. | 236. | 34. | 29.60 | 25.19 | 2.08 |
| 119 Salem | 002 | J05 | 1940 | 13. | 13. | 13. | 29. | 39. | 68. | 86. | 139. | 333. | 34. | 29.45 | 26.38 | 2.01 |
| 120 Fall River | 006 | J05 | 83 | 13. | 13. | 13. | 13. | 31. | 58. | 65. | 115. | 115. | | | | |
| | 007 | J05 | 2080 | 13. | 13. | 13. | 13. | 31. | 58. | 73. | 115. | 178. | 28. | 22.72 | 21.96 | 1.91 |
| | 008 | J05 | 1941 | 13. | 13. | 13. | 29. | 42. | 68. | 84. | 115. | 160. | 34. | 24.99 | 27.05 | 1.99 |
| 120 Swansea | 001 | J05 | 2003 | 13. | 13. | 13. | 13. | 26. | 47. | 60. | 86. | 149. | 24. | 17.68 | 19.35 | 1.78 |
| | 002 | J05 | 942 | 13. | 13. | 13. | 13. | 29. | 39. | 45. | 60. | 165. | | | | |
| | 003 | J05 | 2127 | 13. | 13. | 13. | 13. | 26. | 47. | 58. | 86. | 110. | 23. | 17.02 | 19.29 | 1.76 |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 085 Omaha | 024 | G01 | 2030 | 13. | 13. | 13. | 13. | 26. | 39. | 52. | 157. | 262. | 25. | 24.50 | 20.19 | 1.75 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 013 Henderson | 006 | G02 | 1405 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 53. | 175. | | | | |
| **OREGON** | | | | | | | | | | | | | | | | |
| 193 Portland | 002 | F01 | 2068 | 13. | 13. | 13. | 13. | 13. | 79. | 105. | 183. | 288. | 30. | 37.51 | 20.00 | 2.19 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Chester (city) | 002 | F01 | 1163 | 13. | 13. | 13. | 39. | 71. | 149. | 204. | 362. | 534. | | | | |
| 151 Bethlehem | 017 | F01 | 1326 | 13. | 13. | 13. | 37. | 63. | 110. | 141. | 212. | 346. | | | | |
| 151 Reading | 009 | F01 | 1 | 307. | 307. | 307. | 307. | 307. | 307. | 307. | 307. | 307. | | | | |
| 151 Scranton | 006 | F01 | 11 | 13. | 13. | 13. | 13. | 13. | 65. | 233. | 233. | 233. | | | | |
| 151 Wilkes-Barre | 016 | F01 | 118 | 13. | 13. | 13. | 42. | 65. | 86. | 107. | 123. | 131. | | | | |
| 178 Erie | 010 | F01 | 1144 | 13. | 13. | 13. | 34. | 52. | 86. | 118. | 246. | 529. | | | | |
| 195 Johnstown | 011 | F01 | 410 | 13. | 26. | 42. | 55. | 73. | 110. | 123. | 160. | 236. | | | | |
| 196 Harrisburg | 361 | F01 | 1793 | 13. | 13. | 13. | 34. | 55. | 97. | 115. | 160. | 212. | 44. | 35.39 | 32.47 | 2.24 |
| 196 Lancaster City | 007 | F01 | 1803 | 13. | 13. | 37. | 47. | 63. | 97. | 113. | 147. | 199. | 54. | 30.29 | 45.99 | 1.83 |
| 196 York | 008 | F01 | 1775 | 13. | 13. | 37. | 52. | 73. | 162. | 246. | 414. | 844. | 75. | 80.09 | 52.22 | 2.30 |
| 197 Baden | 004 | F01 | 104 | 13. | 13. | 39. | 55. | 105. | 207. | 291. | 393. | 414. | | | | |
| 197 Beaver Falls | 014 | F01 | 1887 | 13. | 13. | 13. | 13. | 34. | 92. | 121. | 196. | 335. | 35. | 41.01 | 23.00 | 2.30 |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 007 Cookeville | 003 | F01 | 925 | 13. | 13. | 13. | 13. | 13. | 26. | 39. | 105. | 162. | | | | |
| 207 Kingston | 002 | F01 | 1980 | 13. | 13. | 13. | 13. | 13. | 71. | 296. | 865. | 2604. | 55. | 170.97 | 18.51 | 2.67 |

Preceding page blank

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL FLAME PHOTOMETRIC, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TEXAS** | | | | | | | | | | | | | | | | |
| 106 Nederland | 003 | F01 | 1518 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 472. | | | | |
| 106 West Orange | 001 | F01 | 2026 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 52. | 13. | 1.30 | 13.13 | 1.05 |
| 153 El Paso | 027 | F01 | 1885 | 13. | 13. | 13. | 13. | 13. | 13. | 79. | 341. | 786. | 26. | 60.09 | 15.80 | 1.90 |
| 214 Corpus Christi | 019 | F01 | 1646 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 183. | 14. | 7.67 | 13.29 | 1.18 |
| 216 Clute City | 003 | F01 | 1262 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 52. | | | | |
| 216 Harris Co | 024 | F01 | 1136 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 52. | | | | |
| 216 Houston | 034 | F01 | 125 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 26. | | | | |
| 216 Texas City | 002 | F01 | 439 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 79. | 183. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 219 Carbon Co | 001 | F02 | 299 | 13. | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 26. | | | | |
| 220 Bountiful | 001 | F01 | 1504 | 13. | 13. | 13. | 13. | 26. | 105. | 157. | 262. | 498. | | | | |
| 220 Magna | 001 | F02 | 1962 | 13. | 13. | 13. | 26. | 157. | 524. | 838. | 1677. | 2253. | 182. | 315.71 | 54.72 | 4.68 |
| 220 Provo | 001 | F01 | 916 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 79. | 105. | | | | |
| 220 Salt Lake City | 001 | F01 | 1608 | 13. | 13. | 13. | 13. | 26. | 79. | 131. | 262. | 524. | | | | |
| **WISCONSIN** | | | | | | | | | | | | | | | | |
| 129 Superior | 998 | F05 | 470 | 26. | 26. | 26. | 26. | 26. | 52. | 79. | 157. | 314. | | | | |
| | 999 | F04 | 443 | 26. | 26. | 26. | 26. | 26. | 52. | 79. | 157. | 314. | | | | |
| 239 Milwaukee | 040 | F01 | 1323 | 13. | 37. | 54. | 75. | 111. | 216. | 342. | 624. | 8494. | | | | |
| | 041 | F01 | 1549 | 13. | 13. | 43. | 65. | 78. | 134. | 246. | 436. | 1516. | | | | |
| | 042 | F01 | 635 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 36. | 119. | | | | |
| | 044 | F01 | 827 | 13. | 13. | 30. | 37. | 47. | 77. | 100. | 165. | 204. | | | | |
| | 045 | F01 | 677 | 13. | 13. | 13. | 13. | 13. | 31. | 39. | 92. | 270. | | | | |
| 239 Racine | 011 | F01 | 1836 | 13. | 13. | 13. | 13. | 58. | 96. | 127. | 230. | 462. | 41. | 49.92 | 25.43 | 2.49 |
| 239 Waukesha | 007 | F01 | 1773 | 13. | 13. | 13. | 62. | 72. | 109. | 158. | 755. | 781. | 73. | 114.54 | 43.61 | 2.64 |
| **WYOMING** | | | | | | | | | | | | | | | | |
| 243 Sweetwater Co | 004 | J02 | 1368 | 13. | 13. | 13. | 13. | 13. | 40. | 67. | 128. | 324. | | | | 1.[illegible] |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## WILSON IMPINGR HYDROGEN PEROXIDE NAOH TITRATION, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 New York City | 002 | H01 | 1124 | 13. | 52. | 79. | 105. | 131. | 210. | 236. | 341. | 419. | | | | |
| | 003 | H01 | 1023 | 13. | 13. | 26. | 52. | 79. | 131. | 157. | 236. | 550. | | | | |
| | 004 | H01 | 1141 | 13. | 26. | 26. | 52. | 79. | 131. | 157. | 236. | 498. | | | | |
| | 005 | H01 | 1040 | 13. | 26. | 52. | 79. | 79. | 131. | 183. | 236. | 367. | | | | |
| | 006 | H01 | 939 | 13. | 13. | 26. | 26. | 52. | 131. | 157. | 210. | 236. | | | | |
| | 007 | H01 | 1024 | 13. | 26. | 26. | 52. | 79. | 79. | 105. | 131. | 157. | | | | |
| | 009 | H01 | 1098 | 13. | 13. | 26. | 26. | 26. | 79. | 79. | 131. | 210. | | | | |
| | 010 | H01 | 1042 | 13. | 26. | 52. | 79. | 79. | 131. | 157. | 183. | 262. | | | | |
| | 011 | H01 | 1106 | 13. | 26. | 26. | 52. | 79. | 131. | 131. | 210. | 288. | | | | |
| | 015 | H01 | 910 | 13. | 26. | 26. | 52. | 79. | 105. | 157. | 210. | 262. | | | | |
| | 016 | H01 | 801 | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 79. | 157. | | | | |
| | 017 | H01 | 544 | 13. | 26. | 26. | 52. | 52. | 79. | 105. | 131. | 157. | | | | |
| | 018 | H01 | 977 | 13. | 26. | 52. | 52. | 79. | 131. | 157. | 183. | 288. | | | | |
| | 019 | H01 | 681 | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 105. | 157. | | | | |
| | 020 | H01 | 686 | 13. | 13. | 26. | 26. | 26. | 52. | 52. | 105. | 157. | | | | |
| | 021 | H01 | 501 | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 79. | 131. | | | | |
| | 022 | H01 | 1071 | 13. | 26. | 52. | 79. | 105. | 157. | 183. | 288. | 367. | | | | |
| | 029 | H01 | 550 | 13. | 13. | 26. | 26. | 52. | 105. | 131. | 183. | 393. | | | | |
| | 030 | H01 | 1119 | 13. | 26. | 52. | 52. | 79. | 131. | 157. | 210. | 367. | | | | |
| | 031 | H01 | 1089 | 13. | 26. | 52. | 52. | 79. | 131. | 183. | 236. | 288. | | | | |
| | 032 | H01 | 900 | 13. | 26. | 52. | 79. | 105. | 157. | 183. | 262. | 341. | | | | |
| | 033 | H01 | 955 | 13. | 13. | 26. | 26. | 52. | 79. | 105. | 157. | 314. | | | | |
| | 034 | H01 | 1080 | 13. | 26. | 52. | 52. | 79. | 131. | 157. | 210. | 262. | | | | |
| | 035 | H01 | 1024 | 13. | 13. | 26. | 26. | 79. | 131. | 157. | 210. | 288. | | | | |
| | 036 | H01 | 817 | 13. | 26. | 52. | 79. | 105. | 157. | 183. | 262. | 393. | | | | |
| | 037 | H01 | 900 | 13. | 26. | 26. | 52. | 79. | 105. | 131. | 157. | 236. | | | | |
| | 038 | H01 | 1114 | 13. | 13. | 26. | 52. | 79. | 105. | 131. | 210. | 314. | | | | |
| | 039 | H01 | 1082 | 13. | 26. | 26. | 52. | 79. | 105. | 131. | 183. | 210. | | | | |
| | 040 | H01 | 1001 | 13. | 52. | 79. | 79. | 131. | 183. | 210. | 288. | 419. | | | | |
| | 041 | H01 | 443 | 13. | 26. | 79. | 79. | 105. | 183. | 236. | 341. | 419. | | | | |
| | 042 | H01 | 716 | 13. | 13. | 13. | 26. | 26. | 26. | 52. | 79. | 105. | | | | |
| | 044 | H01 | 763 | 13. | 13. | 13. | 26. | 26. | 52. | 52. | 79. | 131. | | | | |
| | 045 | H01 | 860 | 13. | 26. | 52. | 79. | 105. | 157. | 183. | 262. | 419. | | | | |
| | 046 | H01 | 1127 | 13. | 13. | 26. | 26. | 52. | 79. | 79. | 131. | 236. | | | | |
| | 064 | H01 | 523 | 13. | 26. | 52. | 79. | 79. | 131. | 157. | 210. | 288. | | | | |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## DAVIS INST SEQUENTIAL-CONDUCTIMETRIC, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **WASHINGTON** | | | | | | | | | | | | | | | | |
| 229 Bremerton | 002 | 101 | 1944 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 79. | 262. | 17. | 14.88 | 15.17 | 1.49 |
| 229 Everett | 003 | 101 | 2078 | 13. | 13. | 13. | 13. | 13. | 26. | 79. | 314. | 1310. | 28. | 69.90 | 17.47 | 1.95 |
| 229 Seattle | 009 | 101 | 1935 | 13. | 13. | 13. | 13. | 13. | 52. | 79. | 131. | 314. | 24. | 27.31 | 18.43 | 1.85 |
| | 057 | 102 | 2107 | 13. | 13. | 13. | 13. | 26. | 52. | 52. | 105. | 314. | 23. | 21.15 | 18.90 | 1.76 |
| 229 Tacoma | 003 | 101 | 2093 | 13. | 13. | 13. | 13. | 13. | 26. | 79. | 210. | 917. | 24. | 46.26 | 16.87 | 1.83 |
| | 005 | 101 | 1380 | 13. | 13. | 13. | 13. | 13. | 26. | 52. | 105. | 393. | | | | |

Preceding page blank

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001 Choctaw Co | 001 | F01 | 4 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  |  |  |  |
| 002 Prattville | 001 | F01 | 4 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  |  |  |  |
| 003 Childersburg | 001 | F01 | 3 | 5. | 5. | 5. | 8. | 8. | 8. | 8. | 8. | 8. |  |  |  |  |
| 004 Bessemer | 001 | G01 | 68 | 2. | 2. | 2. | 2. | 2. | 5. | 8. | 16. | 16. | 3. | 2.09 | 3.03 | 1.49 |
| 004 Birmingham | 003 | G01 | 3 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. |  |  |  |  |
|  | 085 | G02 | 64 | 2. | 2. | 5. | 5. | 13. | 24. | 29. | 39. | 39. | 10. | 8.94 | 7.31 | 2.37 |
|  | 012 | G01 | 71 | 2. | 2. | 2. | 5. | 8. | 16. | 18. | 26. | 26. | 7. | 5.52 | 5.24 | 2.09 |
| 004 Fairfield | 003 | G01 | 70 | 2. | 5. | 8. | 13. | 24. | 37. | 45. | 60. | 60. | 18. | 13.63 | 12.78 | 2.31 |
| 004 Leeds | 003 | G01 | 58 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 5. | 5. | 3. | .39 | 2.53 | 1.11 |
| 004 Tarrant City | 001 | G01 | 14 | 2. | 2. | 2. | 5. | 10. | 16. | 24. | 24. | 24. | 8. | 6.42 | 5.57 | 2.27 |
| 004 Tuscaloosa | 003 | F01 | 3 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  |  |  |  |
| 006 Dothan | 002 | F01 | 11 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  | 5.24 | 1.00 |
| 007 Athens | 001 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. |  | 2.49 | 1.00 |
|  | 003 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 5. | 5. | 5. | 5. | 3. | 1.00 | 2.77 | 1.31 |
| 007 Decatur | 001 | G01 | 14 | 2. | 2. | 2. | 2. | 8. | 13. | 31. | 31. | 31. | 7. | 8.08 | 4.80 | 2.39 |
|  | 002 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 5. | 26. | 26. | 26. | 4. | 6.32 | 3.11 | 1.91 |
|  | 005 | G01 | 14 | 2. | 2. | 2. | 2. | 5. | 8. | 18. | 18. | 18. | 5. | 4.41 | 4.08 | 1.93 |
| 007 Florence | 003 | F01 | 4 | 5. | 5. | 13. | 13. | 18. | 24. | 24. | 24. | 24. |  |  |  |  |
| 007 Hartselle | 001 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 5. | 10. | 10. | 10. | 3. | 2.20 | 2.91 | 1.52 |
| 007 Jackson Co | 023 | F02 | 3 | 5. | 5. | 5. | 5. | 10. | 10. | 10. | 10. | 10. |  |  |  |  |
| 007 Muscle Shoals | 001 | F01 | 4 | 5. | 5. | 5. | 5. | 8. | 10. | 10. | 10. | 10. |  |  |  |  |
| **ALASKA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 008 Anchorage | 009 | I01 | 12 | 3. | 3. | 3. | 3. | 3. | 10. | 15. | 15. | 15. | 4. | 4.13 | 3.27 | 1.89 |
| 009 Fairbanks | 001 | F01 | 6 | 11. | 11. | 13. | 13. | 18. | 22. | 22. | 22. | 22. | 15. | 4.15 | 14.57 | 1.29 |
| 011 Ketchikan | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | .94 | 2.66 | 1.26 |
| 011 Ketchikan Ed | 002 | F02 | 14 | 3. | 3. | 3. | 3. | 6. | 42. | 196. | 196. | 196. | 21. | 51.51 | 5.80 | 3.81 |
| 011 Sitka | 001 | F01 | 14 | 6. | 6. | 6. | 12. | 15. | 18. | 45. | 45. | 45. | 14. | 10.04 | 11.36 | 1.80 |
| 011 Sitka Ed | 002 | F02 | 14 | 3. | 3. | 12. | 13. | 28. | 70. | 103. | 103. | 103. | 27. | 30.54 | 14.14 | 3.42 |
| **ARIZONA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 013 Mohave Co | 006 | F02 | 15 | 3. | 3. | 5. | 5. | 13. | 19. | 40. | 40. | 40. | 10. | 10.30 | 6.98 | 2.46 |
|  | 014 | F02 | 13 | 3. | 3. | 3. | 9. | 15. | 18. | 19. | 19. | 19. | 9. | 6.39 | 6.87 | 2.38 |
| 014 Coconino Co | 004 | F02 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 11. | 11. | 11. | 3. | 2.45 | 2.83 | 1.53 |
| 015 Pinal Co | 001 | F02 | 11 | 3. | 3. | 3. | 3. | 13. | 27. | 105. | 105. | 105. | 16. | 30.55 | 5.88 | 3.68 |
| **ARKANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 016 England | 001 | F05 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 016 Jefferson Co | 001 | F05 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 1.84 | 2.75 | 1.42 |
|  | 002 | F05 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 003 | F05 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 016 Little Rock | 001 | F01 | 6 | 3. | 3. | 3. | 3. | 5. | 6. | 6. | 6. | 6. | 3. | 1.55 | 3.25 | 1.50 |
|  | 003 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 11. | 11. | 11. | 3. | 2.12 | 2.75 | 1.46 |
| 016 Pine Bluff | 001 | F05 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 3. | 1.42 | 2.70 | 1.35 |
|  | 002 | F05 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 3. | 1.06 | 2.67 | 1.28 |
|  | 005 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | 1.01 | 2.66 | 1.27 |
| 017 Fort Smith | 008 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 018 Earle | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 018 West Memphis | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 45. | 45. | 45. | 5. | 10.97 | 3.03 | 2.11 |
| 019 El Dorado | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 18. | 74. | 74. | 74. | 9. | 19.24 | 3.88 | 2.75 |
|  | 002 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.71 | 2.95 | 1.50 |
| 020 Blytheville | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 13. | 23. | 23. | 23. | 5. | 5.89 | 3.24 | 2.01 |
| 021 Harrison | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 7. | 8. | 27. | 27. | 27. | 6. | 7.24 | 4.20 | 2.23 |
| 022 Texarkana | 002 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 036 Denver | 001 | F01 | 4 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. |  |  |  |  |
|  | 002 | F01 | 13 | 5. | 6. | 10. | 11. | 15. | 26. | 64. | 64. | 64. | 16. | 15.57 | 12.72 | 1.99 |
| **CONNECTICUT** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 041 Colchester | 001 | F01 | 15 | 5. | 5. | 5. | 11. | 15. | 34. | 89. | 89. | 89. | 18. | 21.40 | 11.56 | 2.36 |

Proceding page blank

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **CONNECTICUT — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 041 Groton | 001 | F01 | 15 | 5. | 5. | 5. | 9. | 13. | 51. | 71. | 71. | 71. | 18. | 19.66 | 11.31 | 2.47 |
| 041 Mansfield | 001 | F01 | 13 | 5. | 5. | 5. | 5. | 13. | 37. | 135. | 135. | 135. | 19. | 35.93 | 9.23 | 2.77 |
| 041 Norwich | 001 | F01 | 15 | 5. | 5. | 14. | 21. | 30. | 33. | 42. | 42. | 42. | 20. | 11.28 | 17.02 | 1.96 |
| 041 Putnam | 002 | F01 | 15 | 5. | 5. | 5. | 11. | 19. | 55. | 65. | 65. | 65. | 18. | 19.53 | 11.70 | 2.59 |
| 041 Voluntown | 001 | F03 | 15 | 5. | 5. | 5. | 6. | 12. | 36. | 100. | 100. | 100. | 16. | 24.68 | 9.44 | 2.45 |
| 041 Willimantic | 001 | F01 | 14 | 9. | 14. | 28. | 35. | 49. | 72. | 100. | 100. | 100. | 42. | 26.11 | 34.67 | 1.99 |
| 042 Berlin | 001 | F03 | 15 | 5. | 5. | 6. | 8. | 12. | 38. | 101. | 101. | 101. | 16. | 24.83 | 10.05 | 2.30 |
| 042 Bristol | 001 | F01 | 15 | 5. | 5. | 12. | 23. | 41. | 81. | 242. | 242. | 242. | 43. | 59.70 | 22.75 | 3.23 |
|  | 002 | H03 | 6 | 5. | 5. | 5. | 5. | 43. | 124. | 124. | 124. | 124. |  |  |  |  |
|  | 003 | H01 | 6 | 5. | 5. | 5. | 5. | 40. | 122. | 122. | 122. | 122. |  |  |  |  |
|  | 004 | F02 | 15 | 5. | 5. | 5. | 14. | 31. | 67. | 105. | 105. | 105. | 27. | 28.62 | 16.12 | 2.92 |
| 042 Burlington | 001 | F03 | 13 | 5. | 5. | 5. | 6. | 11. | 23. | 71. | 71. | 71. | 13. | 18.17 | 8.46 | 2.21 |
| 042 East Hartford | 001 | F01 | 15 | 5. | 5. | 12. | 24. | 29. | 62. | 173. | 173. | 173. | 32. | 41.97 | 18.81 | 2.79 |
|  | 002 | F01 | 15 | 5. | 13. | 21. | 36. | 45. | 84. | 118. | 118. | 118. | 39. | 28.99 | 30.50 | 2.17 |
| 042 Hartford | 002 | F01 | 14 | 21. | 22. | 45. | 49. | 84. | 107. | 214. | 214. | 214. | 70. | 49.64 | 58.02 | 1.89 |
| 042 Meriden | 002 | F01 | 13 | 5. | 5. | 8. | 19. | 57. | 77. | 87. | 87. | 87. | 32. | 29.43 | 19.93 | 2.88 |
| 042 Middletown | 003 | F01 | 14 | 5. | 5. | 5. | 10. | 16. | 49. | 128. | 128. | 128. | 25. | 34.08 | 13.51 | 3.02 |
| 042 Milford | 001 | F01 | 15 | 5. | 5. | 11. | 19. | 28. | 58. | 97. | 97. | 97. | 27. | 24.50 | 19.23 | 2.38 |
| 042 Naugatuck | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 19. | 56. | 109. | 109. | 109. | 19. | 28.51 | 10.33 | 2.83 |
| 042 New Britain | 002 | F01 | 15 | 5. | 5. | 5. | 23. | 38. | 96. | 105. | 105. | 105. | 32. | 31.75 | 19.60 | 3.03 |
| 042 New Haven | 001 | F01 | 15 | 5. | 5. | 14. | 49. | 59. | 87. | 106. | 106. | 106. | 45. | 33.59 | 28.35 | 3.26 |
| 042 Old Saybrook | 001 | F01 | 15 | 5. | 5. | 5. | 6. | 14. | 60. | 117. | 117. | 117. | 21. | 31.74 | 10.80 | 2.96 |
| 042 Waterbury | 001 | F01 | 15 | 5. | 5. | 5. | 7. | 34. | 62. | 127. | 127. | 127. | 27. | 34.94 | 13.28 | 3.26 |
|  | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 18. | 88. | 104. | 104. | 104. | 21. | 31.70 | 10.17 | 3.06 |
|  | 003 | F01 | 13 | 5. | 5. | 5. | 5. | 28. | 86. | 04. | 104. | 104. | 24. | 33.23 | 11.69 | 3.28 |
| 043 Bridgeport | 001 | F01 | 15 | 5. | 5. | 5. | 6. | 16. | 32. | 38. | 38. | 38. | 13. | 11.24 | 9.26 | 2.18 |
|  | 003 | F01 | 3 | 5. | 5. | 5. | 5. | 28. | 28. | 28. | 28. | 28. |  |  |  |  |
| 043 Danbury | 001 | F01 | 9 | 5. | 5. | 10. | 25. | 52. | 135. | 135. | 135. | 135. | 41. | 45.23 | 22.32 | 3.35 |
|  | 123 | F01 | 6 | 5. | 5. | 19. | 21. | 30. | 53. | 53. | 53. | 53. | 25. | 15.98 | 20.13 | 2.18 |
| 043 Greenwich | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 6. | 7. | 14. | 14. | 14. | 6. | 2.41 | 5.86 | 1.33 |
|  | 004 | F01 | 13 | 5. | 5. | 5. | 9. | 20. | 25. | 57. | 57. | 57. | 14. | 14.64 | 10.07 | 2.19 |
| 043 Norwalk | 005 | F01 | 14 | 5. | 8. | 21. | 28. | 47. | 117. | 160. | 160. | 160. | 45. | 43.52 | 30.17 | 2.58 |
| 043 Stamford | 007 | F01 | 15 | 5. | 5. | 5. | 6. | 18. | 90. | 113. | 113. | 113. | 23. | 34.19 | 11.36 | 3.06 |
|  | 123 | F01 | 15 | 5. | 16. | 21. | 37. | 73. | 145. | 202. | 202. | 202. | 60. | 55.28 | 40.35 | 2.68 |
| 043 Stratford | 005 | F01 | 15 | 5. | 14. | 18. | 25. | 42. | 77. | 100. | 100. | 100. | 35. | 26.62 | 27.36 | 2.16 |
| 044 Kent | 001 | F03 | 15 | 5. | 5. | 5. | 5. | 5. | 9. | 58. | 58. | 58. | 9. | 13.63 | 6.20 | 1.89 |
| 044 Litchfield | 001 | F01 | 15 | 17. | 19. | 22. | 32. | 39. | 91. | 120. | 120. | 120. | 43. | 31.43 | 35.35 | 1.87 |
| 044 Torrington | 001 | F01 | 15 | 5. | 10. | 15. | 32. | 43. | 103. | 113. | 113. | 113. | 42. | 34.59 | 29.44 | 2.47 |
| **DELAWARE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 045 Newark | 001 | P01 | 1 | 15. | 15. | 15. | 15. | 15. | 15. | 15. | 15. | 15. |  |  |  |  |
| 046 Dover | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 046 Milford | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 046 Seaford | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **DISTRICT OF COLUMBIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 047 Washington | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
|  | 003 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
| **FLORIDA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 005 Gulf Breeze | 001 | F03 | 14 | 2. | 2. | 2. | 2. | 7. | 16. | 55. | 55. | 55. | 9. | 14.04 | 4.64 | 2.67 |
| 005 Panama City | 003 | F01 | 4 | 2. | 2. | 2. | 2. | 2. | 5. | 5. | 5. | 5. |  |  |  |  |
| 005 Pensacola | 002 | F01 | 22 | 2. | 2. | 2. | 2. | 5. | 17. | 20. | 84. | 84. | 9. | 17.62 | 4.27 | 2.60 |
|  | 003 | F03 | 31 | 2. | 2. | 6. | 9. | 14. | 40. | 101. | 374. | 374. | 26. | 67.46 | 9.50 | 3.26 |
| 005 Santa Rosa Co | 002 | J02 | 14 | 3. | 3. | 3. | 3. | 3. | 15. | 40. | 40. | 40. | 7. | 10.37 | 4.15 | 2.47 |
|  | 003 | J02 | 14 | 3. | 3. | 3. | 3. | 6. | 9. | 16. | 16. | 16. | 5. | 4.17 | 4.02 | 1.99 |
|  | 004 | J02 | 13 | 3. | 3. | 3. | 3. | 7. | 12. | 56. | 56. | 56. | 9. | 14.61 | 4.63 | 2.60 |
|  | 005 | J02 | 14 | 3. | 3. | 3. | 3. | 3. | 8. | 16. | 16. | 16. | 4. | 3.94 | 3.12 | 1.78 |
|  | 006 | J02 | 14 | 3. | 3. | 3. | 3. | 3. | 8. | 10. | 10. | 10. | 4. | 2.51 | 3.41 | 1.68 |
|  | 007 | J02 | 14 | 3. | 3. | 3. | 3. | 3. | 7. | 56. | 56. | 56. | 7. | 14.13 | 3.36 | 2.35 |
|  | 008 | J02 | 15 | 3. | 3. | 3. | 3. | 3. | 15. | 53. | 53. | 53. | 7. | 13.06 | 3.93 | 2.46 |
|  | 009 | J02 | 15 | 3. | 3. | 3. | 11. | 16. | 47. | 72. | 72. | 72. | 16. | 19.96 | 8.60 | 3.30 |
|  | 011 | F03 | 13 | 2. | 2. | 2. | 2. | 2. | 9. | 15. | 15. | 15. | 4. | 3.78 | 3.16 | 1.80 |
| 048 Orlando | 004 | F01 | 14 | 3. | 3. | 3. | 3. | 5. | 6. | 9. | 9. | 9. | 4. | 2.11 | 3.64 | 1.60 |
| 048 Sanford | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 10. | 19. | 19. | 19. | 6. | 4.61 | 4.37 | 1.97 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FLORIDA — Cont.** | | | | | | | | | | | | | | | | |
| 049 Gainesville | 005 | G01 | 24 | 3. | 3. | 3. | 3. | 3. | 10. | 17. | 22. | 22. | 5. | 4.98 | 3.50 | 1.93 |
| | 008 | G01 | 26 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 632. | 632. | 27. | 123.35 | 3.55 | 3.03 |
| | 009 | G02 | 27 | 3. | 3. | 3. | 3. | 5. | 11. | 11. | 36. | 36. | 5. | 6.69 | 3.91 | 1.99 |
| | 010 | G02 | 27 | 3. | 3. | 3. | 3. | 7. | 10. | 11. | 17. | 17. | 5. | 3.70 | 4.05 | 1.88 |
| | 013 | G01 | 26 | 3. | 3. | 3. | 3. | 3. | 7. | 15. | 16. | 16. | 4. | 3.62 | 3.37 | 1.75 |
| 049 Jacksonville | 004 | H01 | 14 | 3. | 3. | 6. | 16. | 23. | 53. | 83. | 83. | 83. | 22. | 22.78 | 12.50 | 3.36 |
| | 017 | H01 | 12 | 3. | 3. | 3. | 5. | 13. | 17. | 18. | 18. | 18. | 8. | 6.01 | 5.98 | 2.31 |
| | 031 | H01 | 14 | 3. | 3. | 3. | 3. | 20. | 32. | 40. | 40. | 40. | 12. | 13.85 | 6.43 | 3.31 |
| | 032 | H01 | 14 | 3. | 3. | 5. | 11. | 24. | 45. | 82. | 82. | 82. | 19. | 22.42 | 10.50 | 3.29 |
| | 033 | H01 | 15 | 3. | 3. | 3. | 7. | 18. | 50. | 54. | 54. | 54. | 16. | 18.81 | 8.18 | 3.52 |
| | 038 | H01 | 15 | 3. | 3. | 3. | 3. | 14. | 51. | 82. | 82. | 82. | 15. | 22.93 | 6.64 | 3.47 |
| | 039 | H01 | 11 | 3. | 3. | 3. | 15. | 18. | 27. | 27. | 27. | 27. | 12. | 10.19 | 7.77 | 3.01 |
| | 040 | H01 | 15 | 3. | 3. | 3. | 3. | 13. | 17. | 29. | 29. | 29. | 7. | 7.93 | 4.64 | 2.52 |
| | 045 | H01 | 14 | 3. | 3. | 9. | 12. | 21. | 34. | 38. | 38. | 38. | 16. | 11.87 | 11.10 | 2.58 |
| | 049 | H01 | 14 | 3. | 3. | 3. | 7. | 35. | 50. | 53. | 53. | 53. | 21. | 19.86 | 11.21 | 3.73 |
| | 053 | H01 | 2 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 050 Dade Co | 002 | G01 | 14 | 3. | 3. | 3. | 3. | 3. | 8. | 10. | 10. | 10. | 3. | 2.31 | 2.99 | 1.58 |
| 050 Davie | 001 | G03 | 13 | 2. | 2. | 2. | 2. | 2. | 8. | 8. | 8. | 8. | 3. | 2.02 | 2.97 | 1.54 |
| 050 Fort Lauderdale | 003 | G03 | 10 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 050 Lauderdale Lakes | 001 | G03 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 050 Miami | 002 | G01 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 3. | 1.79 | 2.89 | 1.47 |
| | 007 | G01 | 3 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 050 Miami Beach | 007 | G01 | 9 | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 9. | 3. | 2.10 | 2.88 | 1.52 |
| 050 North Miami Beach | 001 | G01 | 14 | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 8. | 4. | 2.50 | 3.69 | 1.72 |
| 050 Pembroke Pines | 001 | G03 | 11 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 050 Perrine | 001 | G01 | 14 | 3. | 3. | 3. | 3. | 3. | 5. | 5. | 5. | 5. | 3. | 1.28 | 2.96 | 1.40 |
| 051 Arcadia | 001 | F01 | 3 | 3. | 3. | 3. | 6. | 20. | 20. | 20. | 20. | 20. | | | | |
| 051 Fort Myers | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. | 3. | 2.16 | 2.98 | 1.56 |
| 051 Glades Co | 001 | F01 | 6 | 3. | 3. | 3. | 3. | 7. | 9. | 9. | 9. | 9. | 4. | 2.92 | 3.70 | 1.84 |
| 051 Sarasota Co | 001 | G03 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| | 002 | G03 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | |
| | 006 | G03 | 12 | 3. | 3. | 3. | 3. | 3. | 5. | 17. | 17. | 17. | 4. | 4.19 | 3.13 | 1.78 |
| 051 Sebring | 001 | F01 | 5 | 3. | 3. | 3. | 3. | 7. | 11. | 11. | 11. | 11. | 5. | 3.75 | 4.12 | 2.01 |
| 052 Bartow | 001 | F01 | 7 | 3. | 3. | 6. | 9. | 19. | 67. | 67. | 67. | 67. | 18. | 22.82 | 9.93 | 3.34 |
| 052 Bradenton | 003 | G02 | 11 | 3. | 3. | 3. | 3. | 3. | 5. | 18. | 18. | 18. | 4. | 4.77 | 3.20 | 1.85 |
| | 004 | G02 | 11 | 3. | 3. | 3. | 3. | 5. | 15. | 19. | 19. | 19. | 6. | 6.00 | 4.20 | 2.22 |
| 052 Brandon | 001 | G01 | 14 | 2. | 2. | 2. | 2. | 5. | 8. | 13. | 13. | 13. | 4. | 3.07 | 3.57 | 1.73 |
| 052 Brooksville | 001 | F01 | 10 | 3. | 3. | 3. | 3. | 15. | 20. | 32. | 32. | 32. | 10. | 10.26 | 6.37 | 2.87 |
| 052 Citrus Co | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 9. | 10. | 10. | 10. | 4. | 2.90 | 3.50 | 1.77 |
| 052 Clearwater | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 12. | 18. | 22. | 22. | 22. | 7. | 7.20 | 4.85 | 2.48 |
| 052 Hillsborough Co | 003 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 13. | 21. | 21. | 21. | 6. | 6.19 | 4.14 | 2.32 |
| | 040 | F02 | 88 | 3. | 3. | 10. | 21. | 34. | 53. | 58. | 105. | 105. | 26. | 21.13 | 16.22 | 2.98 |
| | 054 | G02 | 13 | 2. | 2. | 2. | 2. | 5. | 13. | 42. | 42. | 42. | 7. | 10.90 | 4.31 | 2.41 |
| | 064 | G02 | 13 | 2. | 2. | 2. | 2. | 8. | 10. | 16. | 16. | 16. | 5. | 4.20 | 4.05 | 1.98 |
| | 065 | G02 | 12 | 2. | 2. | 2. | 2. | 5. | 13. | 84. | 84. | 84. | 11. | 23.07 | 5.08 | 2.84 |
| | 066 | G02 | 12 | 2. | 2. | 8. | 8. | 10. | 16. | 39. | 39. | 39. | 11. | 9.89 | 8.01 | 2.29 |
| 052 Holmes Beach | 001 | G02 | 11 | 3. | 3. | 3. | 3. | 7. | 9. | 14. | 14. | 14. | 5. | 3.91 | 4.01 | 1.97 |
| 052 Lakeland | 001 | F01 | 10 | 3. | 3. | 3. | 17. | 51. | 96. | 99. | 99. | 99. | 40. | 41.64 | 17.42 | 4.76 |
| | 002 | F01 | 77 | 3. | 3. | 10. | 23. | 45. | 102. | 140. | 203. | 203. | 40. | 45.11 | 20.93 | 3.47 |
| 052 Manatee Co | 003 | G02 | 12 | 3. | 3. | 3. | 3. | 3. | 8. | 19. | 19. | 19. | 5. | 4.77 | 3.53 | 1.95 |
| | 004 | G03 | 10 | 3. | 3. | 3. | 3. | 3. | 10. | 15. | 15. | 15. | 5. | 4.49 | 3.45 | 1.99 |
| | 005 | G02 | 8 | 3. | 3. | 3. | 5. | 9. | 12. | 12. | 12. | 12. | 6. | 3.63 | 5.17 | 1.92 |
| | 008 | G02 | 12 | 3. | 3. | 3. | 3. | 9. | 14. | 16. | 18. | 18. | 7. | 5.33 | 5.08 | 2.20 |
| | 011 | G02 | 11 | 3. | 3. | 3. | 6. | 9. | 10. | 10. | 10. | 10. | 6. | 3.38 | 4.87 | 1.93 |
| | 012 | G02 | 10 | 3. | 3. | 3. | 3. | 6. | 22. | 30. | 30. | 30. | 8. | 9.97 | 4.98 | 2.70 |
| | 013 | G02 | 12 | 3. | 3. | 3. | 6. | 10. | 17. | 28. | 28. | 28. | 8. | 7.66 | 5.99 | 2.37 |
| 052 Mulberry | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 13. | 57. | 63. | 63. | 63. | 17. | 22.73 | 7.44 | 3.86 |
| 052 Polk Co | 001 | F02 | 31 | 3. | 3. | 3. | 41. | 57. | 91. | 211. | 267. | 267. | 50. | 61.13 | 20.61 | 4.91 |
| | 002 | F02 | 80 | 3. | 3. | 6. | 21. | 34. | 72. | 81. | 169. | 169. | 29. | 30.83 | 14.76 | 3.57 |
| 052 St Petersburg | 003 | H01 | 9 | 3. | 3. | 3. | 3. | 7. | 60. | 60. | 60. | 60. | 14. | 21.42 | 5.41 | 3.66 |
| | 013 | H01 | 14 | 3. | 3. | 3. | 3. | 3. | 7. | 23. | 23. | 23. | 4. | 5.61 | 3.17 | 1.90 |
| | 014 | H01 | 14 | 3. | 3. | 3. | 3. | 3. | 19. | 37. | 37. | 37. | 6. | 9.99 | 3.50 | 2.38 |
| | 015 | H01 | 15 | 3. | 3. | 3. | 3. | 5. | 18. | 18. | 18. | 18. | 6. | 5.67 | 4.18 | 2.22 |
| | 016 | H01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 052 Tampa | 002 | G02 | 7 | 2. | 2. | 5. | 42. | 50. | 254. | 254. | 254. | 254. | 65. | 90.01 | 23.10 | 5.68 |
| | 021 | G02 | 26 | 2. | 2. | 13. | 16. | 29. | 65. | 76. | 81. | 81. | 25. | 23.79 | 14.92 | 3.11 |
| | 024 | G02 | 14 | 2. | 2. | 13. | 24. | 45. | 97. | 136. | 136. | 136. | 38. | 38.89 | 21.04 | 3.51 |
| | 030 | G01 | 8 | 2. | 2. | 5. | 8. | 10. | 39. | 39. | 39. | 39. | 11. | 11.71 | 8.08 | 2.21 |
| | 034 | G02 | 13 | 2. | 2. | 2. | 2. | 5. | 13. | 21. | 21. | 21. | 6. | 5.52 | 4.32 | 2.07 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **FLORIDA – Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 035 | G02 | 11 | 2. | 2. | 13. | 29. | 47. | 65. | 113. | 113. | 113. | 35. | 33.77 | 20.15 | 3.60 |
| **GEORGIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 002 Columbus | 003 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 049 Brunswick | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 9. | 18. | 18. | 18. | 4. | 4.40 | 3.42 | 1.90 |
|  | 003 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 6. | 25. | 25. | 25. | 4. | 6.12 | 3.14 | 1.90 |
| 053 Augusta | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 7. | 7. | 7. | 3. | 1.68 | 3.02 | 1.49 |
|  | 004 | F01 | 14 | 3. | 3. | 3. | 3. | 7. | 10. | 16. | 16. | 16. | 5. | 4.04 | 4.25 | 1.95 |
| 054 Lyons | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 054 Macon | 005 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 3. | 1.95 | 3.02 | 1.54 |
|  | 006 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.73 | 2.96 | 1.49 |
|  | 007 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 008 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 11. | 17. | 17. | 17. | 5. | 4.09 | 3.81 | 2.06 |
| 055 Rome | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 12. | 31. | 31. | 31. | 5. | 7.68 | 3.29 | 2.11 |
|  | 003 | F01 | 15 | 3. | 3. | 8. | 32. | 43. | 121. | 136. | 136. | 136. | 40. | 43.06 | 19.91 | 3.96 |
| 055 Rossville | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 9. | 22. | 33. | 33. | 33. | 9. | 9.32 | 5.73 | 2.58 |
| 056 Atlanta | 001 | G01 | 7 | 13. | 13. | 13. | 13. | 13. | 26. | 26. | 26. | 26. | 15. | 4.91 | 14.35 | 1.30 |
|  | 031 | G01 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  | 13.00 | 1.00 |
|  | 035 | G01 | 14 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  | 13.00 | 1.00 |
|  | 036 | G02 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 35. | 35. | 35. | 14. | 5.68 | 13.89 | 1.29 |
|  | 038 | G02 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  | 13.00 | 1.00 |
|  | 039 | G01 | 13 | 13. | 13. | 13. | 13. | 13. | 28. | 59. | 59. | 59. | 19. | 13.19 | 16.34 | 1.60 |
|  | 041 | G01 | 14 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  | 13.00 | 1.00 |
|  | 042 | G02 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 32. | 32. | 32. | 14. | 4.91 | 13.80 | 1.26 |
| 056 Hapeville | 001 | G01 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. |  | 13.00 | 1.00 |
| 057 Gainesville | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 058 Savannah | 002 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 30. | 42. | 42. | 42. | 8. | 12.86 | 4.03 | 2.72 |
|  | 009 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 11. | 31. | 31. | 31. | 6. | 8.10 | 3.80 | 2.30 |
|  | 010 | F01 | 13 | 3. | 3. | 3. | 3. | 10. | 38. | 64. | 64. | 64. | 12. | 18.45 | 5.66 | 3.06 |
|  | 011 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 11. | 32. | 32. | 32. | 6. | 8.71 | 3.50 | 2.27 |
| 059 Albany | 002 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 44. | 44. | 44. | 6. | 11.98 | 3.17 | 2.29 |
|  | 003 | F01 | 14 | 3. | 3. | 3. | 3. | 8. | 13. | 19. | 19. | 19. | 6. | 5.57 | 4.43 | 2.26 |
| 059 Valdosta | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **HAWAII** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 060 Ewa | 001 | F02 | 22 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 002 | F02 | 23 | 3. | 3. | 3. | 3. | 3. | 3. | 5. | 6. | 6. | 3. | .88 | 2.68 | 1.26 |
| 060 Hilo | 001 | F01 | 20 | 3. | 3. | 3. | 3. | 3. | 17. | 25. | 32. | 32. | 6. | 8.44 | 3.69 | 2.32 |
| 060 Honolulu | 001 | F01 | 23 | 3. | 3. | 3. | 10. | 14. | 19. | 20. | 48. | 48. | 11. | 9.99 | 7.67 | 2.41 |
|  | 004 | F01 | 23 | 3. | 3. | 3. | 3. | 7. | 13. | 21. | 34. | 34. | 7. | 7.53 | 4.89 | 2.25 |
|  | 005 | F01 | 22 | 3. | 3. | 3. | 3. | 3. | 3. | 5. | 8. | 8. | 3. | 1.26 | 2.72 | 1.33 |
| 060 Pearl City | 002 | F01 | 22 | 3. | 3. | 3. | 3. | 5. | 6. | 8. | 10. | 10. | 4. | 2.20 | 3.51 | 1.61 |
| **ILLINOIS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 065 East Peoria | 002 | F01 | 9 | 13. | 13. | 37. | 39. | 81. | 162. | 162. | 162. | 162. | 68. | 56.62 | 50.62 | 2.28 |
| 065 Galesburg | 001 | F01 | 8 | 5. | 5. | 26. | 29. | 65. | 147. | 147. | 147. | 147. | 48. | 46.36 | 31.29 | 2.93 |
| 065 Peoria | 001 | F01 | 8 | 10. | 10. | 18. | 26. | 29. | 100. | 100. | 100. | 100. | 40. | 35.30 | 29.00 | 2.28 |
|  | 001 | P01 | 7 | 8. | 8. | 32. | 62. | 66. | 150. | 150. | 150. | 150. | 60. | 45.73 | 44.32 | 2.52 |
|  | 023 | F01 | 11 | 5. | 26. | 34. | 39. | 52. | 86. | 113. | 113. | 113. | 50. | 31.15 | 39.43 | 2.27 |
|  | 027 | F01 | 11 | 5. | 10. | 13. | 34. | 39. | 47. | 58. | 58. | 58. | 29. | 18.43 | 22.64 | 2.24 |
| 066 Bloomington | 001 | F01 | 11 | 2. | 8. | 16. | 24. | 37. | 47. | 94. | 94. | 94. | 30. | 25.88 | 20.82 | 2.73 |
| 066 Champaign | 001 | F01 | 4 | 13. | 13. | 26. | 26. | 37. | 58. | 58. | 58. | 58. |  |  |  |  |
| 066 Danville | 001 | F01 | 10 | 2. | 2. | 13. | 29. | 39. | 47. | 65. | 65. | 65. | 30. | 20.66 | 20.95 | 2.90 |
| 067 Bensenville | 002 | F01 | 11 | 5. | 10. | 10. | 18. | 34. | 84. | 128. | 128. | 128. | 35. | 37.96 | 22.74 | 2.62 |
| 067 Blue Island | 001 | G01 | 28 | 7. | 9. | 32. | 63. | 83. | 144. | 162. | 326. | 326. | 73. | 65.69 | 50.55 | 2.56 |
| 067 Calumet City | 001 | G01 | 26 | 2. | 11. | 20. | 37. | 52. | 95. | 98. | 105. | 105. | 45. | 31.67 | 32.68 | 2.45 |
| 067 Chicago | 001 | P01 | 4 | 16. | 16. | 61. | 61. | 92. | 93. | 93. | 93. | 93. |  |  |  |  |
|  | 002 | P01 | 7 | 15. | 15. | 24. | 65. | 73. | 97. | 97. | 97. | 97. | 53. | 32.01 | 43.31 | 2.09 |
|  | 003 | H01 | 14 | 5. | 5. | 16. | 18. | 55. | 92. | 92. | 92. | 92. | 38. | 31.06 | 25.69 | 2.66 |
|  | 004 | H01 | 12 | 8. | 8. | 16. | 47. | 58. | 113. | 181. | 181. | 181. | 57. | 51.12 | 36.02 | 2.97 |
|  | 005 | H01 | 15 | 26. | 34. | 68. | 86. | 107. | 181. | 212. | 212. | 212. | 92. | 51.40 | 79.20 | 1.79 |
|  | 007 | H01 | 15 | 2. | 5. | 8. | 8. | 13. | 18. | 50. | 50. | 50. | 13. | 11.31 | 9.76 | 2.03 |
|  | 009 | H01 | 15 | 8. | 13. | 18. | 42. | 68. | 121. | 126. | 126. | 126. | 52. | 39.86 | 38.01 | 2.41 |
|  | 010 | H01 | 15 | 5. | 18. | 24. | 31. | 47. | 79. | 134. | 134. | 134. | 42. | 32.08 | 32.80 | 2.15 |
|  | 011 | H01 | 13 | 5. | 8. | 13. | 31. | 37. | 58. | 71. | 71. | 71. | 30. | 19.03 | 24.26 | 2.15 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ILLINOIS — Cont.** | | | | | | | | | | | | | | | | |
| | 012 | H01 | 15 | 5. | 8. | 34. | 65. | 107. | 217. | 217. | 217. | 217. | 83. | 68.79 | 54.03 | 2.99 |
| | 015 | H01 | 15 | 5. | 5. | 16. | 18. | 29. | 94. | 181. | 181. | 181. | 35. | 45.95 | 20.91 | 2.65 |
| | 016 | H01 | 15 | 10. | 21. | 29. | 34. | 55. | 123. | 134. | 134. | 134. | 49. | 37.20 | 39.18 | 2.01 |
| | 017 | H01 | 14 | 2. | 8. | 16. | 16. | 31. | 79. | 84. | 84. | 84. | 29. | 24.37 | 20.66 | 2.48 |
| | 018 | H01 | 14 | 18. | 24. | 34. | 37. | 45. | 115. | 170. | 170. | 170. | 51. | 41.31 | 41.93 | 1.79 |
| | 019 | H01 | 15 | 13. | 21. | 24. | 37. | 42. | 94. | 147. | 147. | 147. | 46. | 35.08 | 37.11 | 1.88 |
| | 020 | H01 | 11 | 2. | 5. | 10. | 10. | 16. | 26. | 39. | 39. | 39. | 15. | 10.57 | 11.82 | 2.15 |
| | 021 | H01 | 15 | 8. | 18. | 31. | 42. | 73. | 131. | 136. | 136. | 136. | 55. | 38.64 | 43.31 | 2.14 |
| | 022 | H01 | 12 | 21. | 21. | 45. | 60. | 73. | 89. | 162. | 162. | 162. | 65. | 37.76 | 55.79 | 1.80 |
| | 025 | H01 | 15 | 8. | 13. | 31. | 39. | 45. | 94. | 102. | 102. | 102. | 44. | 29.08 | 34.80 | 2.11 |
| | 030 | H01 | 7 | 5. | 5. | 10. | 13. | 16. | 16. | 16. | 16. | 16. | 12. | 3.92 | 11.66 | 1.49 |
| | 031 | H01 | 14 | 16. | 29. | 45. | 52. | 71. | 128. | 204. | 204. | 204. | 68. | 50.36 | 54.61 | 1.96 |
| | 032 | H01 | 8 | 2. | 2. | 5. | 5. | 10. | 21. | 21. | 21. | 21. | 8. | 6.26 | 6.65 | 2.14 |
| 067 Chicago Heights | 001 | G01 | 29 | 2. | 9. | 25. | 32. | 48. | 80. | 83. | 161. | 161. | 41. | 31.90 | 31.12 | 2.30 |
| 067 Cicero | 001 | G01 | 29 | 2. | 2. | 14. | 36. | 69. | 128. | 137. | 153. | 153. | 47. | 41.85 | 27.59 | 3.36 |
| 067 Cook Co | 002 | H01 | 14 | 10. | 16. | 24. | 26. | 34. | 65. | 81. | 81. | 81. | 34. | 19.74 | 29.20 | 1.74 |
| | 015 | H01 | 14 | 2. | 2. | 2. | 5. | 5. | 37. | 73. | 73. | 73. | 15. | 21.11 | 6.81 | 3.40 |
| 067 Des Plaines | 001 | G01 | 27 | 2. | 2. | 6. | 8. | 11. | 50. | 56. | 62. | 62. | 13. | 16.12 | 8.10 | 2.59 |
| 067 Harvey | 001 | G01 | 29 | 6. | 10. | 19. | 41. | 61. | 100. | 110. | 168. | 168. | 47. | 35.99 | 35.54 | 2.27 |
| 067 Hillside | 001 | G01 | 28 | 2. | 2. | 11. | 30. | 51. | 70. | 91. | 130. | 130. | 36. | 30.90 | 22.54 | 3.09 |
| 067 Joliet | 002 | G01 | 27 | 2. | 2. | 2. | 2. | 13. | 45. | 50. | 71. | 71. | 14. | 17.56 | 6.62 | 3.28 |
| | 003 | G01 | 28 | 2. | 2. | 2. | 5. | 10. | 34. | 37 | 58. | 58. | 11. | 13.06 | 6.45 | 2.68 |
| | 006 | G01 | 4 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | | | |
| 067 Lockport | 002 | G01 | 19 | 2. | 2. | 2. | 8. | 26. | 60. | 84. | 84. | 84. | 21. | 25.68 | 9.39 | 3.89 |
| 067 Morton Grove | 001 | H01 | 2 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | | | |
| 067 Oak Park | 002 | G01 | 29 | 2. | 2. | 12. | 29. | 51. | 105. | 154. | 164. | 164. | 41. | 43.89 | 21.12 | 3.73 |
| 067 Park Forest | 001 | G01 | 29 | 2. | 2. | 5. | 13. | 20. | 52. | 89. | 89. | 89. | 20. | 23.63 | 11.15 | 3.11 |
| 068 Galena | 002 | F01 | 5 | 5. | 5. | 8. | 21. | 24. | 76. | 76. | 76. | 76. | | | | |
| 069 East Moline | 001 | F01 | 11 | 2. | 2. | 13. | 21. | 37. | 65. | 94. | 94. | 94. | 32. | 29.01 | 19.08 | 3.37 |
| 070 Alton | 005 | F01 | 6 | 10. | 10. | 21. | 21. | 52. | 63. | 63. | 63. | 63. | | | | |
| 070 East St Louis | 008 | F01 | 8 | 10. | 10. | 21. | 24. | 29. | 102. | 102. | 102. | 102. | 38. | 30.68 | 29.69 | 2.04 |
| 071 Henry | 001 | F01 | 4 | 2. | 2. | 2. | 2. | 5. | 5. | 5. | 5. | 5. | | | | |
| 071 La Salle | 001 | F01 | 6 | 5. | 5. | 10. | 10. | 18. | 39. | 39. | 39. | 39. | 17. | 12.03 | 13.67 | 1.97 |
| 071 Ottawa | 001 | F01 | 6 | 10. | 10. | 10. | 10. | 16. | 24. | 24. | 24. | 24. | 14. | 5.15 | 13.32 | 1.38 |
| 072 Christian Co | 001 | F01 | 11 | 2. | 2. | 16. | 21. | 21. | 37. | 39. | 39. | 39. | 19. | 12.18 | 13.45 | 2.67 |
| 072 Metropolis | 007 | F01 | 9 | 2. | 2. | 5. | 21. | 52. | 131. | 131. | 131. | 131. | 38. | 42.94 | 17.33 | 4.36 |
| 073 Rockford | 001 | P01 | 7 | 5. | 5. | 8. | 21. | 27. | 60. | 60. | 60. | 60. | 26. | 22.64 | 17.13 | 2.78 |
| 074 Effingham | 001 | F01 | 10 | 2. | 2. | 5. | 13. | 16. | 45. | 50. | 50. | 50. | 18. | 16.40 | 11.70 | 2.81 |
| 074 Marion | 001 | F01 | 10 | 2. | 2. | 5. | 10. | 21. | 24. | 31. | 31. | 31. | 15. | 10.00 | 10.93 | 2.55 |
| 074 Mount Vernon | 001 | F01 | 2 | 10. | 10. | 10. | 10. | 16. | 16. | 16. | 16. | 16. | | | | |
| 075 Decatur | 002 | F01 | 8 | 5. | 5. | 24. | 39. | 63. | 278. | 278. | 278. | 278. | 69. | 87.50 | 39.46 | 3.19 |
| | 003 | F01 | 2 | 2. | 2. | 2. | 2. | 18. | 18. | 18. | 18. | 18. | | | | |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 067 Chesterton | 001 | G01 | 2 | 18. | 18. | 18. | 18. | 39. | 39. | 39. | 39. | 39. | | | | |
| 067 Crown Point | 001 | F01 | 15 | 13. | 13. | 13. | 13. | 13. | 31. | 34. | 34. | 34. | 17. | 7.98 | 15.69 | 1.45 |
| 067 East Chicago | 001 | H02 | 15 | 2. | 24. | 34. | 47. | 68. | 97. | 100. | 100. | 100. | 52. | 29.02 | 40.98 | 2.46 |
| | 001 | P01 | 5 | 57. | 57. | 58. | 110. | 115. | 150. | 150. | 150. | 150. | 98. | 40.06 | 91.10 | 1.55 |
| | 003 | H02 | 14 | 13. | 21. | 24. | 34. | 45. | 115. | 244. | 244. | 244. | 58. | 60.65 | 41.28 | 2.19 |
| | 004 | H02 | 15 | 2. | 8. | 26. | 37. | 71. | 144. | 168. | 168. | 168. | 54. | 48.86 | 34.37 | 3.08 |
| | 006 | H02 | 15 | 2. | 2. | 2. | 2. | 5. | 10. | 47. | 47. | 47. | 7. | 11.33 | 4.51 | 2.30 |
| | 007 | H02 | 15 | 2. | 2. | 2. | 13. | 21. | 76. | 157. | 157. | 157. | 26. | 41.29 | 10.82 | 3.95 |
| 067 Gary | 001 | H01 | 15 | 2. | 2. | 2. | 10. | 29. | 42. | 65. | 65. | 65. | 19. | 19.20 | 10.34 | 3.42 |
| | 001 | P01 | 7 | 5. | 5. | 32. | 74. | 81. | 105. | 105. | 105. | 105. | 57. | 42.43 | 33.65 | 3.89 |
| | 002 | H01 | 15 | 2. | 2. | 2. | 2. | 5. | 10. | 24. | 24. | 24. | 5. | 5.69 | 3.90 | 2.06 |
| | 003 | H01 | 15 | 2. | 2. | 2. | 5. | 8. | 13. | 105. | 105. | 105. | 12. | 25.84 | 5.76 | 2.62 |
| | 004 | H01 | 15 | 2. | 5. | 16. | 24. | 34. | 45. | 58. | 58. | 58. | 26. | 15.35 | 20.17 | 2.33 |
| | 005 | H01 | 15 | 2. | 2. | 13. | 16. | 24. | 37. | 65. | 65. | 65. | 20. | 16.69 | 12.73 | 3.00 |
| | 008 | H01 | 15 | 2. | 2. | 5. | 16. | 18. | 37. | 79. | 79. | 79. | 18. | 19.41 | 10.93 | 2.98 |
| | 009 | H01 | 15 | 2. | 2. | 5. | 8. | 16. | 26. | 29. | 29. | 29. | 12. | 9.15 | 8.27 | 2.39 |
| | 011 | H01 | 15 | 2. | 2. | 5. | 18. | 29. | 68. | 231. | 231. | 231. | 35. | 57.60 | 14.40 | 4.06 |
| 067 Hammond | 001 | H01 | 13 | 13. | 13. | 13. | 13. | 13. | 94. | 134. | 134. | 134. | 32. | 39.20 | 20.43 | 2.37 |
| | 001 | P01 | 8 | 5. | 5. | 36. | 41. | 57. | 105. | 105. | 105. | 105. | 51. | 36.76 | 34.20 | 3.05 |
| | 002 | H01 | 15 | 13. | 13. | 13. | 13. | 13. | 45. | 65. | 65. | 65. | 21. | 16.22 | 17.91 | 1.76 |
| | 004 | F01 | 15 | 13. | 13. | 13. | 26. | 42. | 113. | 134. | 134. | 134. | 40. | 38.06 | 28.03 | 2.32 |
| | 004 | H01 | 15 | 13. | 13. | 13. | 13. | 26. | 45. | 100. | 100. | 100. | 26. | 23.12 | 20.47 | 1.89 |
| | 005 | H01 | 15 | 13. | 13. | 13. | 13. | 13. | 52. | 71. | 71. | 71. | 21. | 17.46 | 16.95 | 1.75 |
| | 006 | H01 | 12 | 13. | 13. | 13. | 31. | 47. | 97. | 113. | 113. | 113. | 41. | 35.00 | 29.80 | 2.29 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **INDIANA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 007 | H01 | 13 | 13. | 13. | 13. | 13. | 13. | 37. | 115. | 115. | 115. | 24. | 28.41 | 17.68 | 1.92 |
| 067 Porter Co | 007 | G01 | 2 | 10. | 10. | 10. | 10. | 31. | 31. | 31. | 31. | 31. |  |  |  |  |
|  | 009 | G01 | 1 | 21. | 21. | 21. | 21. | 21. | 21. | 21. | 21. | 21. |  |  |  |  |
| 067 Valparaiso | 002 | G01 | 2 | 18. | 18. | 18. | 18. | 18. | 18. | 18. | 18. | 18. |  |  |  |  |
| 067 Whiting | 003 | F01 | 13 | 13. | 13. | 13. | 13. | 13. | 31. | 58. | 58. | 58. | 18. | 12.96 | 15.70 | 1.58 |
| 076 Anderson | 006 | F01 | 13 | 13. | 13. | 13. | 34. | 50. | 60. | 79. | 79. | 79. | 33. | 22.57 | 26.48 | 2.04 |
| 076 Marion | 001 | F01 | 15 | 13. | 13. | 13. | 13. | 13. | 45. | 81. | 81. | 81. | 23. | 19.40 | 18.31 | 1.83 |
| 076 Richmond | 001 | F01 | 15 | 13. | 13. | 13. | 13. | 31. | 50. | 71. | 71. | 71. | 25. | 18.36 | 20.72 | 1.86 |
|  | 002 | F01 | 15 | 13. | 13. | 13. | 13. | 52. | 105. | 134. | 134. | 134. | 40. | 37.92 | 27.31 | 2.40 |
|  | 005 | F01 | 13 | 13. | 13. | 13. | 13. | 34. | 55. | 86. | 86. | 86. | 28. | 22.38 | 22.58 | 1.96 |
| 077 Evansville | 006 | P01 | 7 | 5. | 5. | 13. | 18. | 22. | 63. | 63. | 63. | 63. | 24. | 20.03 | 17.95 | 2.31 |
| 077 Jasper | 001 | F01 | 14 | 13. | 13. | 13. | 39. | 73. | 110. | 115. | 115. | 115. | 50. | 36.67 | 36.51 | 2.37 |
| 078 Charlestown | 002 | F01 | 14 | 13. | 13. | 13. | 13. | 13. | 45. | 97. | 97. | 97. | 25. | 23.78 | 18.91 | 1.93 |
| 078 Jeffersonville | 001 | F01 | 9 | 13. | 13. | 13. | 13. | 37. | 52. | 52. | 52. | 52. | 27. | 17.32 | 22.23 | 1.90 |
| 079 Lawrenceburg | 002 | F01 | 6 | 13. | 13. | 13. | 13. | 13. | 45. | 45. | 45. | 45. | 18. | 12.84 | 16.06 | 1.65 |
|  | 003 | F01 | 2 | 13. | 13. | 13. | 13. | 31. | 31. | 31. | 31. | 31. |  |  |  |  |
| 080 Indianapolis | 001 | H01 | 4 | 17. | 17. | 51. | 51. | 51. | 88. | 88. | 88. | 88. |  |  |  |  |
|  | 001 | F01 | 5 | 6. | 6. | 27. | 52. | 67. | 74. | 74. | 74. | 74. | 45. | 28.37 | 33.43 | 2.02 |
|  | 002 | H01 | 4 | 10. | 10. | 33. | 33. | 48. | 204. | 204. | 204. | 204. |  |  |  |  |
|  | 003 | H01 | 4 | 12. | 12. | 49. | 49. | 50. | 100. | 100. | 100. | 100. |  |  |  |  |
|  | 006 | H01 | 4 | 11. | 11. | 42. | 42. | 59. | 94. | 94. | 94. | 94. |  |  |  |  |
|  | 008 | H01 | 4 | 17. | 17. | 26. | 26. | 51. | 53. | 53. | 53. | 53. |  |  |  |  |
|  | 009 | H01 | 4 | 9. | 9. | 34. | 34. | 40. | 46. | 46. | 46. | 46. |  |  |  |  |
|  | 013 | H01 | 4 | 6. | 6. | 20. | 20. | 46. | 54. | 54. | 54. | 54. |  |  |  |  |
|  | 015 | H01 | 4 | 10. | 10. | 31. | 31. | 32. | 47. | 47. | 47. | 47. |  |  |  |  |
|  | 021 | F01 | 14 | 13. | 13. | 26. | 31. | 47. | 60. | 63. | 63. | 63. | 36. | 17.36 | 31.50 | 1.76 |
|  | 025 | H01 | 4 | 8. | 8. | 28. | 28. | 40. | 109. | 109. | 109. | 109. |  |  |  |  |
|  | 026 | H01 | 4 | 9. | 9. | 11. | 11. | 38. | 38. | 38. | 38. | 38. |  |  |  |  |
| 081 Fort Wayne | 002 | P01 | 7 | 13. | 13. | 20. | 20. | 22. | 48. | 48. | 48. | 48. | 26. | 13.82 | 23.62 | 1.63 |
|  | 003 | F01 | 12 | 13. | 13. | 13. | 29. | 34. | 52. | 63. | 63. | 63. | 31. | 16.66 | 26.43 | 1.78 |
| 081 Steuben Co | 001 | F03 | 11 | 2. | 13. | 13. | 37. | 58. | 84. | 84. | 84. | 84. | 41. | 28.93 | 28.51 | 2.95 |
| 082 Elkhart | 001 | F01 | 14 | 13. | 13. | 13. | 13. | 31. | 42. | 100. | 100. | 100. | 28. | 23.81 | 21.67 | 1.94 |
| 082 La Porte | 001 | F01 | 11 | 13. | 13. | 13. | 13. | 13. | 45. | 50. | 50. | 50. | 21. | 13.94 | 17.76 | 1.71 |
| 082 Mishawaka | 005 | F01 | 5 | 13. | 13. | 13. | 42. | 47. | 52. | 52. | 52. | 52. |  |  |  |  |
|  | 006 | F01 | 9 | 13. | 13. | 13. | 13. | 45. | 100. | 100. | 100. | 100. | 31. | 30.13 | 21.93 | 2.23 |
| 082 South Bend | 002 | P01 | 8 | 5. | 5. | 14. | 16. | 32. | 62. | 62. | 62. | 62. | 25. | 19.60 | 17.68 | 2.51 |
| 083 Bloomington | 001 | F01 | 10 | 13. | 13. | 13. | 13. | 13. | 13. | 71. | 71. | 71. | 19. | 18.23 | 15.51 | 1.70 |
| 083 Columbus | 002 | F02 | 14 | 13. | 13. | 13. | 13. | 13. | 65. | 76. | 76. | 76. | 23. | 21.05 | 17.74 | 1.88 |
| 083 Madison | 001 | F02 | 15 | 13. | 13. | 13. | 13. | 13. | 26. | 29. | 29. | 29. | 15. | 5.09 | 14.46 | 1.30 |
| 083 Monroe Co | 001 | P03 | 7 | 5. | 5. | 5. | 5. | 6. | 30. | 30. | 30. | 30. | 10. | 9.30 | 7.51 | 1.99 |
| 084 Jasper Co | 001 | F03 | 13 | 13. | 13. | 13. | 13. | 37. | 50. | 58. | 58. | 58. | 23. | 16.69 | 19.26 | 1.84 |
| 084 Kokomo | 001 | F01 | 10 | 13. | 13. | 13. | 13. | 26. | 42. | 52. | 52. | 52. | 23. | 14.69 | 19.93 | 1.77 |
| 084 Lafayette | 001 | F01 | 14 | 13. | 13. | 13. | 31. | 45. | 55. | 79. | 79. | 79. | 33. | 21.08 | 26.81 | 1.98 |
| 084 Vincennes | 001 | F01 | 10 | 13. | 13. | 13. | 13. | 13. | 42. | 71. | 71. | 71. | 22. | 19.45 | 17.42 | 1.85 |
| **IOWA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 065 Keokuk | 002 | F01 | 14 | 3. | 3. | 3. | 12. | 38. | 145. | 273. | 273. | 273. | 52. | 80.43 | 13.79 | 6.00 |
| 068 Dubuque | 008 | P05 | 7 | 7. | 7. | 21. | 33. | 33. | 67. | 67. | 67. | 67. | 32. | 19.31 | 26.79 | 2.05 |
| 069 Davenport | 009 | F01 | 13 | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 12. | 9. | 5.06 | 6.73 | 2.26 |
| 085 Council Bluffs | 016 | F01 | 12 | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 12. | 9. | 4.92 | 7.31 | 2.21 |
| 086 Sioux City | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 3. | 3.02 | 2.89 | 1.62 |
| 087 Rock Rapids | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 6. | 4.88 | 4.27 | 2.19 |
| 088 Waterloo | 003 | F01 | 14 | 3. | 3. | 3. | 3. | 12. | 27. | 31. | 31. | 31. | 9. | 9.60 | 5.62 | 2.74 |
| 089 Mason City | 011 | F01 | 10 | 3. | 3. | 3. | 12. | 102. | 291. | 622. | 622. | 622. | 130. | 202.61 | 26.60 | 8.32 |
| 090 Spencer | 001 | F01 | 14 | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 12. | 8. | 5.14 | 6.27 | 2.29 |
| 091 Iowa City | 008 | F01 | 13 | 3. | 3. | 12. | 12. | 31. | 33. | 47. | 47. | 47. | 18. | 13.42 | 13.45 | 2.44 |
| 091 Ottumwa | 011 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 4. | 3.76 | 3.20 | 1.83 |
| 092 Ames | 001 | F01 | 13 | 3. | 3. | 3. | 12. | 12. | 12. | 24. | 24. | 24. | 9. | 6.85 | 6.26 | 2.47 |
| 092 Des Moines | 001 | P01 | 7 | 5. | 5. | 8. | 12. | 13. | 23. | 23. | 23. | 23. | 12. | 5.99 | 10.50 | 1.66 |
|  | 023 | F01 | 15 | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 12. | 8. | 5.07 | 6.57 | 2.26 |
|  | 025 | G01 | 15 | 3. | 3. | 3. | 5. | 9. | 21. | 22. | 22. | 22. | 8. | 7.32 | 5.94 | 2.35 |
|  | 035 | G02 | 15 | 3. | 3. | 3. | 3. | 5. | 22. | 22. | 22. | 22. | 6. | 6.71 | 4.03 | 2.20 |
|  | 036 | G02 | 11 | 3. | 3. | 3. | 3. | 3. | 11. | 12. | 12. | 12. | 5. | 3.92 | 3.71 | 1.97 |
| 092 Pella | 001 | F01 | 11 | 3. | 3. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 11. | 4.05 | 9.33 | 1.92 |
| 092 Polk Co | 021 | G02 | 15 | 3. | 3. | 3. | 7. | 12. | 31. | 132. | 132. | 132. | 18. | 32.76 | 8.20 | 3.13 |
|  | 022 | G02 | 15 | 3. | 3. | 3. | 9. | 14. | 52. | 71. | 71. | 71. | 17. | 20.51 | 9.21 | 3.21 |
| 093 Denison | 002 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 12. | 4. | 4.05 | 3.35 | 1.92 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **KANSAS** | | | | | | | | | | | | | | | | |
| 094 Kansas City | 002 | H01 | 13 | 3. | 3. | 3. | 3. | 6. | 10. | 29. | 29. | 29. | 6. | 7.35 | 4.14 | 2.17 |
| | 002 | P01 | 7 | 3. | 3. | 12. | 15. | 19. | 220. | 220. | 220. | 220. | 66. | 94.73 | 21.98 | 5.25 |
| | 004 | H01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 21. | 21. | 21. | 4. | 4.82 | 3.43 | 1.86 |
| | 009 | H01 | 14 | 3. | 3. | 5. | 5. | 9. | 32. | 44. | 44. | 44. | 11. | 12.27 | 7.09 | 2.54 |
| | 012 | P01 | 7 | 7. | 7. | 14. | 15. | 25. | 99. | 99. | 99. | 99. | 29. | 31.95 | 20.34 | 2.36 |
| 094 Leavenworth | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 29. | 297. | 297. | 297. | 26. | 75.25 | 6.19 | 3.84 |
| 094 Olathe | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 215. | 278. | 278. | 278. | 36. | 86.31 | 5.31 | 5.20 |
| 094 Overland Park | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 9. | 27. | 38. | 38. | 38. | 9. | 11.05 | 5.19 | 2.79 |
| 095 Atchison | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 7. | 13. | 27. | 27. | 27. | 6. | 7.05 | 4.41 | 2.26 |
| 095 Lawrence | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 6. | 26. | 345. | 345. | 345. | 29. | 87.80 | 5.36 | 4.03 |
| 095 Pottawatomie Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 16. | 346. | 346. | 346. | 27. | 88.35 | 4.51 | 3.77 |
| 095 Shawnee Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 8. | 22. | 48. | 48. | 48. | 9. | 12.63 | 5.24 | 2.81 |
| | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 14. | 17. | 17. | 17. | 6. | 4.88 | 4.59 | 2.08 |
| 095 Topeka | 001 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 18. | 18. | 18. | 18. | 5. | 5.82 | 3.94 | 2.19 |
| | 001 | P01 | 8 | 3. | 3. | 5. | 7. | 9. | 15. | 15. | 15. | 15. | 8. | 4.40 | 6.30 | 1.94 |
| | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 12. | 13. | 13. | 13. | 5. | 3.64 | 4.08 | 1.91 |
| | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 11. | 11. | 11. | 11. | 5. | 3.26 | 3.78 | 1.85 |
| | 005 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 13. | 21. | 21. | 21. | 6. | 5.58 | 4.13 | 2.16 |
| | 006 | F01 | 14 | 3. | 3. | 3. | 3. | 10. | 14. | 21. | 21. | 21. | 7. | 6.24 | 4.60 | 2.37 |
| 096 Mc Pherson | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 14. | 21. | 21. | 21. | 6. | 5.99 | 3.98 | 2.25 |
| 096 Manhattan | 001 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 097 Goodland | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 8. | 17. | 367. | 367. | 367. | 30. | 93.38 | 5.95 | 3.79 |
| 097 Phillipsburg | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 9. | 314. | 314. | 314. | 24. | 80.19 | 4.27 | 3.56 |
| 098 Coffeyville | 001 | F01 | 5 | 3. | 3. | 3. | 7. | 13. | 15. | 15. | 15. | 15. | | | | |
| 098 Galena | 001 | F01 | 8 | 3. | 3. | 3. | 3. | 6. | 14. | 14. | 14. | 14. | 5. | 4.04 | 3.86 | 1.92 |
| 098 Linn Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 20. | 317. | 317. | 317. | 25. | 80.85 | 4.55 | 3.76 |
| 099 Arkansas City | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 9. | 46. | 409. | 409. | 409. | 37. | 107.78 | 6.45 | 4.45 |
| 099 El Dorado | 001 | F01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 099 Hutchinson | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 14. | 14. | 14. | 4. | 3.18 | 3.38 | 1.73 |
| 099 Sedgwick Co | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 13. | 14. | 14. | 14. | 4. | 3.86 | 3.28 | 1.82 |
| | 003 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 8. | 8. | 8. | 3. | 2.01 | 3.10 | 1.56 |
| | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 13. | 26. | 26. | 26. | 5. | 6.44 | 3.74 | 2.12 |
| 099 Wichita | 001 | P01 | 8 | 3. | 3. | 3. | 5. | 11. | 15. | 15. | 15. | 15. | 7. | 5.31 | 5.55 | 2.18 |
| | 005 | F01 | 15 | 3. | 3. | 3. | 3. | 11. | 14. | 20. | 20. | 20. | 7. | 5.74 | 5.18 | 2.30 |
| | 006 | F01 | 15 | 3. | 3. | 3. | 3. | 15. | 17. | 19. | 19. | 19. | 8. | 7.00 | 5.69 | 2.55 |
| | 007 | F01 | 14 | 3. | 3. | 3. | 3. | 5. | 18. | 25. | 25. | 25. | 7. | 7.22 | 4.34 | 2.35 |
| | 008 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 11. | 232. | 232. | 232. | 19. | 58.87 | 4.70 | 3.38 |
| | 009 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 16. | 241. | 241. | 241. | 21. | 61.06 | 5.17 | 3.50 |
| 100 Dodge City | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 7. | 9. | 15. | 15. | 15. | 5. | 3.82 | 3.97 | 1.90 |
| 100 Ulysses | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 7. | 12. | 17. | 17. | 17. | 5. | 4.37 | 3.88 | 1.97 |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 072 Ballard Co | 002 | F01 | 14 | 3. | 3. | 9. | 15. | 21. | 25. | 69. | 69. | 69. | 18. | 16.56 | 13.04 | 2.44 |
| | 003 | F01 | 15 | 3. | 3. | 3. | 10. | 16. | 21. | 104. | 104. | 104. | 16. | 25.51 | 7.81 | 3.10 |
| 072 Carlisle Co | 001 | F01 | 15 | 3. | 3. | 3. | 8. | 16. | 28. | 54. | 54. | 54. | 12. | 13.63 | 7.78 | 2.69 |
| 072 Central City | 002 | F01 | 15 | 3. | 3. | 6. | 13. | 18. | 77. | 117. | 117. | 117. | 28. | 35.42 | 13.08 | 3.81 |
| 072 Fulton | 001 | F01 | 14 | 3. | 3. | 13. | 19. | 20. | 42. | 61. | 61. | 61. | 21. | 15.62 | 15.80 | 2.48 |
| 072 Hopkinsville | 002 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 10. | 12. | 12. | 12. | 4. | 3.17 | 3.32 | 1.76 |
| 072 Mc Cracken Co | 001 | F02 | 14 | 3. | 3. | 3. | 3. | 3. | 9. | 10. | 10. | 10. | 3. | 2.44 | 3.01 | 1.60 |
| 072 Madisonville | 001 | F01 | 15 | 3. | 3. | 3. | 9. | 16. | 35. | 40. | 40. | 40. | 13. | 12.79 | 7.88 | 2.96 |
| 072 Marshall Co | 002 | F01 | 15 | 3. | 3. | 3. | 18. | 25. | 38. | 44. | 44. | 44. | 17. | 13.52 | 10.96 | 3.10 |
| | 008 | F01 | 15 | 3. | 3. | 3. | 11. | 23. | 38. | 129. | 129. | 129. | 22. | 32.26 | 10.04 | 3.73 |
| 072 Murray | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 11. | 32. | 32. | 32. | 6. | 8.08 | 3.96 | 2.27 |
| 072 Paducah | 001 | F01 | 14 | 3. | 3. | 12. | 15. | 29. | 48. | 76. | 76. | 76. | 23. | 21.22 | 13.88 | 3.07 |
| | 002 | F01 | 15 | 3. | 3. | 10. | 13. | 21. | 69. | 78. | 78. | 78. | 23. | 23.75 | 13.95 | 3.03 |
| | 003 | F01 | 15 | 3. | 3. | 8. | 11. | 16. | 43. | 108. | 108. | 108. | 21. | 27.20 | 11.76 | 2.95 |
| | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| | 005 | F03 | 14 | 3. | 3. | 3. | 13. | 27. | 87. | 170. | 170. | 170. | 31. | 46.72 | 12.48 | 4.29 |
| | 020 | F01 | 15 | 3. | 3. | 13. | 18. | 21. | 43. | 56. | 56. | 56. | 21. | 15.55 | 14.27 | 2.75 |
| 072 Princeton | 001 | F01 | 14 | 3. | 3. | 7. | 7. | 16. | 30. | 36. | 36. | 36. | 13. | 10.51 | 9.28 | 2.45 |
| 077 Hancock Co | 002 | F01 | 15 | 3. | 3. | 7. | 12. | 23. | 56. | 62. | 62. | 62. | 19. | 20.29 | 10.88 | 3.13 |
| | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 19. | 19. | 19. | 4. | 4.35 | 3.25 | 1.81 |
| 077 Henderson | 002 | F01 | 11 | 3. | 3. | 14. | 18. | 41. | 301. | 470. | 470. | 470. | 90. | 152.94 | 25.55 | 5.43 |
| | 003 | F01 | 10 | 3. | 3. | 6. | 12. | 18. | 42. | 67. | 67. | 67. | 20. | 20.28 | 12.76 | 2.70 |
| | 004 | F01 | 15 | 3. | 9. | 16. | 27. | 43. | 133. | 154. | 154. | 154. | 41. | 44.04 | 25.66 | 2.79 |
| | 005 | F01 | 14 | 3. | 3. | 9. | 15. | 26. | 48. | 77. | 77. | 77. | 22. | 20.26 | 14.30 | 2.75 |
| | 008 | F01 | 14 | 3. | 3. | 8. | 19. | 39. | 115. | 176. | 176. | 176. | 43. | 53.16 | 18.64 | 4.29 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **KENTUCKY — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 009 | F01 | 15 | 3. | 3. | 10. | 23. | 34. | 150. | 161. | 161. | 161. | 45. | 51.55 | 22.74 | 3.70 |
| 077 Henderson Co | 001 | F02 | 14 | 3. | 3. | 3. | 3. | 16. | 43. | 55. | 55. | 55. | 15. | 17.22 | 7.82 | 3.47 |
| 077 Owensboro | 001 | F01 | 15 | 3. | 3. | 12. | 20. | 29. | 41. | 43. | 43. | 43. | 21. | 13.63 | 15.84 | 2.50 |
|  | 002 | F01 | 14 | 3. | 3. | 11. | 16. | 39. | 46. | 57. | 57. | 57. | 23. | 18.60 | 13.66 | 3.35 |
|  | 003 | F01 | 14 | 3. | 3. | 12. | 18. | 23. | 54. | 75. | 75. | 75. | 23. | 21.21 | 14.36 | 3.07 |
|  | 005 | F01 | 13 | 3. | 6. | 12. | 22. | 26. | 41. | 45. | 45. | 45. | 21. | 12.68 | 16.83 | 2.25 |
|  | 006 | F01 | 13 | 3. | 6. | 14. | 19. | 24. | 28. | 29. | 29. | 29. | 18. | 8.13 | 15.27 | 2.02 |
|  | 008 | F01 | 15 | 3. | 5. | 15. | 18. | 21. | 32. | 45. | 45. | 45. | 19. | 11.34 | 14.93 | 2.19 |
| 078 Buechel | 001 | G01 | 13 | 3. | 3. | 20. | 33. | 71. | 102. | 103. | 103. | 103. | 43. | 35.20 | 26.71 | 3.43 |
| 078 Jefferson Co | 013 | G01 | 13 | 8. | 11. | 42. | 51. | 82. | 133. | 237. | 237. | 237. | 74. | 60.52 | 52.98 | 2.52 |
|  | 027 | G03 | 13 | 3. | 3. | 11. | 18. | 26. | 36. | 37. | 37. | 37. | 20. | 11.18 | 15.27 | 2.43 |
| 078 Louisville | 004 | G02 | 14 | 3. | 3. | 6. | 14. | 32. | 47. | 66. | 66. | 66. | 21. | 18.93 | 13.40 | 2.89 |
|  | 009 | G01 | 12 | 3. | 3. | 6. | 12. | 49. | 58. | 76. | 76. | 76. | 30. | 26.96 | 15.27 | 4.01 |
|  | 011 | G01 | 14 | 3. | 3. | 36. | 47. | 68. | 88. | 93. | 93. | 93. | 49. | 30.00 | 33.53 | 3.29 |
|  | 015 | G01 | 15 | 3. | 3. | 16. | 54. | 78. | 128. | 128. | 128. | 128. | 55. | 44.16 | 30.61 | 3.94 |
|  | 019 | G01 | 15 | 3. | 3. | 14. | 22. | 33. | 50. | 61. | 61. | 61. | 26. | 17.68 | 18.59 | 2.69 |
|  | 020 | G01 | 12 | 3. | 3. | 6. | 23. | 64. | 99. | 104. | 104. | 104. | 39. | 37.65 | 18.94 | 4.33 |
|  | 021 | G01 | 15 | 3. | 3. | 11. | 13. | 60. | 83. | 96. | 96. | 96. | 33. | 32.66 | 17.03 | 3.73 |
| 078 Okolona | 001 | G01 | 13 | 3. | 3. | 18. | 30. | 34. | 58. | 94. | 94. | 94. | 30. | 25.26 | 18.23 | 3.38 |
| 078 Pleasure Ridge Park | 001 | G01 | 13 | 6. | 8. | 12. | 18. | 37. | 54. | 55. | 55. | 55. | 25. | 18.31 | 18.86 | 2.14 |
| 078 St Matthews | 004 | G01 | 11 | 3. | 15. | 20. | 65. | 106. | 164. | 229. | 229. | 229. | 76. | 71.54 | 42.58 | 3.77 |
| 078 Shively | 001 | G01 | 14 | 3. | 3. | 28. | 37. | 47. | 62. | 157. | 157. | 157. | 42. | 38.91 | 24.28 | 3.75 |
| 079 Alexandria | 001 | F01 | 15 | 3. | 3. | 3. | 12. | 18. | 26. | 29. | 29. | 29. | 12. | 9.37 | 8.01 | 2.77 |
| 079 Boone Co | 001 | F01 | 15 | 7. | 8. | 17. | 22. | 34. | 41. | 45. | 45. | 45. | 24. | 12.75 | 20.84 | 1.86 |
|  | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 079 Carroll Co | 001 | F03 | 12 | 3. | 3. | 3. | 7. | 17. | 18. | 21. | 21. | 21. | 10. | 7.21 | 7.33 | 2.42 |
| 079 Carrollton | 001 | F01 | 14 | 3. | 3. | 9. | 11. | 17. | 26. | 41. | 41. | 41. | 15. | 10.86 | 10.87 | 2.50 |
| 079 Covington | 006 | F01 | 13 | 3. | 3. | 8. | 20. | 31. | 38. | 39. | 39. | 39. | 21. | 13.07 | 15.06 | 2.61 |
| 079 Erlanger | 001 | F01 | 15 | 3. | 3. | 13. | 20. | 27. | 51. | 69. | 69. | 69. | 23. | 18.22 | 15.77 | 2.87 |
| 079 Falmouth | 001 | F01 | 13 | 3. | 3. | 6. | 10. | 15. | 16. | 31. | 31. | 31. | 11. | 7.91 | 8.52 | 2.24 |
| 079 Florence | 001 | F01 | 10 | 3. | 3. | 3. | 9. | 15. | 27. | 38. | 38. | 38. | 14. | 12.14 | 9.38 | 2.81 |
| 079 Fort Mitchell | 002 | F01 | 12 | 3. | 3. | 3. | 9. | 20. | 27. | 31. | 31. | 31. | 12. | 10.01 | 8.38 | 2.70 |
| 079 Fort Thomas | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 10. | 12. | 18. | 18. | 18. | 6. | 5.01 | 4.49 | 2.16 |
| 079 Gallatin Co | 001 | F03 | 15 | 3. | 3. | 3. | 6. | 10. | 15. | 15. | 15. | 15. | 7. | 5.13 | 5.33 | 2.18 |
| 079 Newport | 001 | F01 | 14 | 3. | 3. | 9. | 12. | 19. | 32. | 32. | 32. | 32. | 15. | 9.79 | 11.36 | 2.29 |
| 101 Corbin | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 6. | 14. | 16. | 16. | 16. | 5. | 4.77 | 4.00 | 2.07 |
| 101 Harlan | 001 | F01 | 5 | 21. | 21. | 32. | 46. | 77. | 83. | 83. | 83. | 83. |  |  |  |  |
| 101 Hazard | 001 | F01 | 3 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
| 101 London | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 8. | 12. | 12. | 12. | 4. | 2.92 | 3.27 | 1.72 |
| 101 Pikeville | 001 | F01 | 3 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
| 101 Prestonsburg | 001 | F01 | 5 | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. | 8. |  |  |  |  |
| 102 Berea | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 17. | 21. | 25. | 25. | 25. | 9. | 8.42 | 5.72 | 2.67 |
| 102 Cynthiana | 001 | F01 | 14 | 3. | 3. | 13. | 15. | 18. | 25. | 33. | 33. | 33. | 15. | 9.49 | 11.25 | 2.50 |
| 102 Danville | 003 | F01 | 15 | 3. | 3. | 6. | 13. | 20. | 21. | 37. | 37. | 37. | 14. | 9.92 | 9.72 | 2.57 |
| 102 Frankfort | 002 | F01 | 15 | 3. | 3. | 7. | 13. | 22. | 30. | 31. | 31. | 31. | 15. | 10.12 | 10.63 | 2.50 |
| 102 Franklin Co | 001 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 9. | 35. | 35. | 35. | 5. | 8.35 | 3.24 | 2.08 |
| 102 Lexington | 002 | F01 | 15 | 3. | 3. | 10. | 11. | 16. | 28. | 33. | 33. | 33. | 14. | 9.41 | 10.37 | 2.36 |
|  | 003 | F01 | 15 | 3. | 10. | 14. | 21. | 31. | 53. | 99. | 99. | 99. | 25. | 16.37 | 19.85 | 2.23 |
|  | 004 | F01 | 15 | 3. | 3. | 3. | 9. | 14. | 32. | 40. | 40. | 40. | 11. | 11.70 | 6.89 | 2.87 |
|  | 005 | F01 | 14 | 3. | 3. | 11. | 16. | 21. | 36. | 44. | 44. | 44. | 18. | 12.55 | 12.38 | 2.68 |
| 102 Richmond | 001 | F01 | 15 | 3. | 3. | 8. | 12. | 21. | 30. | 33. | 33. | 33. | 15. | 10.64 | 10.21 | 2.68 |
| 102 Winchester | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 12. | 17. | 30. | 30. | 30. | 8. | 8.17 | 5.14 | 2.56 |
| 103 Ashland | 003 | F01 | 15 | 3. | 3. | 3. | 10. | 12. | 31. | 37. | 37. | 37. | 11. | 10.31 | 7.54 | 2.53 |
|  | 005 | F01 | 15 | 3. | 3. | 15. | 21. | 26. | 60. | 72. | 72. | 72. | 26. | 19.89 | 18.01 | 2.68 |
|  | 006 | F01 | 15 | 3. | 3. | 8. | 11. | 20. | 33. | 37. | 37. | 37. | 14. | 10.56 | 10.69 | 2.41 |
|  | 007 | F01 | 15 | 3. | 3. | 3. | 10. | 15. | 36. | 46. | 46. | 46. | 13. | 13.03 | 8.64 | 2.78 |
|  | 008 | F01 | 15 | 3. | 8. | 14. | 22. | 26. | 47. | 77. | 77. | 77. | 25. | 18.26 | 18.92 | 2.25 |
| 103 Carter Co | 001 | F01 | 15 | 3. | 3. | 3. | 7. | 12. | 25. | 48. | 48. | 48. | 11. | 12.42 | 6.85 | 2.69 |
| 103 Catlettsburg | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 17. | 23. | 26. | 26. | 26. | 9. | 9.18 | 5.50 | 2.79 |
| 103 Greenup Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 007 | F01 | 13 | 3. | 3. | 6. | 11. | 15. | 19. | 23. | 23. | 23. | 11. | 6.73 | 8.75 | 2.22 |
| 103 Lawrence Co | 00. | F01 | 15 | 3. | 3. | 3. | 3. | 10. | 17. | 17. | 17. | 17. | 7. | 5.80 | 4.73 | 2.30 |
| 103 Maysville | 004 | F01 | 15 | 3. | 3. | 3. | 5. | 8. | 16. | 17. | 17. | 17. | 6. | 4.85 | 4.93 | 2.06 |
| 103 Morehead | 001 | F01 | 13 | 3. | 3. | 3. | 7. | 9. | 13. | 40. | 40. | 40. | 9. | 10.14 | 5.44 | 2.43 |
| 104 Bardstown | 001 | F01 | 12 | 3. | 3. | 11. | 15. | 20. | 37. | 38. | 38. | 38. | 17. | 11.59 | 12.41 | 2.45 |
| 104 Elizabethtown | 002 | F01 | 14 | 3. | 3. | 3. | 12. | 16. | 23. | 28. | 28. | 28. | 12. | 8.96 | 8.30 | 2.68 |
|  | 003 | F01 | 15 | 3. | 3. | 8. | 19. | 21. | 31. | 32. | 32. | 32. | 17. | 11.31 | 12.22 | 2.64 |
| 104 Leitchfield | 001 | F01 | 15 | 3. | 3. | 14. | 18. | 20. | 24. | 30. | 30. | 30. | 16. | 8.32 | 12.79 | 2.39 |
| 104 Oldham Co | 002 | F01 | 15 | 3. | 3. | 11. | 28. | 33. | 39. | 41. | 41. | 41. | 22. | 14.98 | 14.50 | 3.18 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **KENTUCKY — Cont.** | | | | | | | | | | | | | | | | |
| 104 Shelbyville | 001 | F01 | 15 | 3. | 3. | 9. | 17. | 25. | 39. | 50. | 50. | 50. | 19. | 13.99 | 12.95 | 2.71 |
| 104 Shepherdsville | 001 | F01 | 15 | 3. | 3. | 10. | 22. | 29. | 46. | 47. | 47. | 47. | 22. | 14.66 | 16.17 | 2.56 |
| 105 Bowling Green | 004 | F01 | 13 | 3. | 3. | 3. | 3. | 10. | 17. | 27. | 27. | 27. | 7. | 7.70 | 4.77 | 2.46 |
| | 005 | F01 | 14 | 3. | 3. | 6. | 15. | 18. | 39. | 49. | 49. | 49. | 16. | 14.07 | 10.41 | 2.90 |
| 105 Franklin | 001 | F01 | 12 | 3. | 3. | 11. | 13. | 17. | 23. | 31. | 31. | 31. | 15. | 8.27 | 11.65 | 2.21 |
| 105 Glasgow | 001 | F01 | 15 | 3. | 3. | 3. | 11. | 15. | 17. | 28. | 28. | 28. | 10. | 7.68 | 7.19 | 2.52 |
| 105 Russellville | 002 | F01 | 10 | 3. | 3. | 3. | 13. | 21. | 24. | 76. | 76. | 76. | 18. | 22.18 | 9.53 | 3.47 |
| 105 Somerset | 002 | F01 | 13 | 3. | 3. | 10. | 15. | 30. | 79. | 108. | 108. | 108. | 27. | 31.55 | 15.80 | 3.09 |
| **LOUISIANA** | | | | | | | | | | | | | | | | |
| 019 Monroe | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 5. | 16. | 16. | 16. | 16. | 6. | 5.88 | 4.19 | 2.27 |
| 022 Shreveport | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| | 001 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 9. | 3. | 2.57 | 3.02 | 1.64 |
| 106 Alexandria | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 5. | 5. | 5. | 3. | .75 | 2.66 | 1.23 |
| 106 Baton Rouge | 002 | F01 | 10 | 3. | 3. | 6. | 33. | 63. | 101. | 131. | 131. | 131. | 47. | 43.58 | 24.06 | 4.34 |
| | 002 | P01 | 10 | 3. | 3. | 3. | 6. | 18. | 56. | 121. | 121. | 121. | 25. | 37.56 | 10.44 | 3.83 |
| | 003 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 7. | 22. | 22. | 22. | 5. | 5.28 | 3.38 | 1.92 |
| 106 Donaldsonville | 001 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 10. | | | | |
| 106 Harvey | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 6. | 10. | 11. | 11. | 11. | 5. | 3.52 | 3.83 | 1.91 |
| 106 Iberville Par | 001 | P03 | 4 | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 10. | | | | |
| | 002 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 3. | 2.37 | 2.87 | 1.55 |
| 106 Lafayette | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | 1.01 | 2.69 | 1.29 |
| 106 Lake Charles | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 3. | 1.59 | 2.75 | 1.40 |
| | 002 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 5. | 18. | 18. | 18. | 4. | 4.66 | 3.19 | 1.84 |
| 106 Metairie | 002 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 8. | 11. | 11. | 11. | 4. | 2.95 | 3.44 | 1.76 |
| 106 New Orleans | 002 | F01 | 15 | 3. | 3. | 3. | 7. | 12. | 16. | 35. | 35. | 35. | 10. | 8.68 | 6.72 | 2.38 |
| | 002 | P01 | 8 | 3. | 3. | 3. | 3. | 6. | 45. | 45. | 45. | 45. | 11. | 16.11 | 5.43 | 3.33 |
| 106 St John The Baptist Par | 002 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 7. | 19. | 19. | 19. | 5. | 5.25 | 3.39 | 1.99 |
| 106 Westlake | 002 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 5. | 5. | 5. | 5. | 3. | .94 | 2.76 | 1.30 |
| **MAINE** | | | | | | | | | | | | | | | | |
| 107 Augusta | 001 | F01 | 15 | 17. | 20. | 28. | 51. | 61. | 100. | 101. | 101. | 101. | 52. | 27.92 | 45.18 | 1.79 |
| 107 Lincoln Co | 001 | F02 | 15 | 3. | 3. | 5. | 17. | 19. | 32. | 42. | 42. | 42. | 15. | 12.27 | 9.98 | 2.71 |
| 107 Livermore Falls | 001 | F02 | 14 | 3. | 5. | 16. | 19. | 21. | 28. | 37. | 37. | 37. | 18. | 9.30 | 14.87 | 2.11 |
| 107 Mexico | 001 | F02 | 14 | 3. | 6. | 11. | 12. | 18. | 26. | 35. | 35. | 35. | 15. | 8.80 | 12.44 | 2.00 |
| 107 Rockland | 001 | F01 | 15 | 3. | 6. | 16. | 40. | 61. | 106. | 170. | 170. | 170. | 52. | 46.96 | 31.16 | 3.34 |
| 107 Winslow | 001 | F01 | 15 | 12. | 13. | 24. | 60. | 70. | 103. | 114. | 114. | 114. | 57. | 34.20 | 44.87 | 2.17 |
| 109 Acadia Nat Park | 001 | F03 | 8 | 3. | 3. | 3. | 3. | 3. | 17. | 17. | 17. | 17. | 4. | 5.13 | 3.18 | 1.97 |
| 109 Bangor | 001 | F01 | 11 | 20. | 31. | 31. | 39. | 50. | 105. | 132. | 132. | 132. | 53. | 34.86 | 45.16 | 1.76 |
| 109 Lincoln | 001 | F02 | 15 | 3. | 3. | 5. | 12. | 22. | 40. | 118. | 118. | 118. | 20. | 29.25 | 10.53 | 3.23 |
| 109 Millinocket | 001 | F02 | 13 | 3. | 3. | 3. | 15. | 39. | 58. | 60. | 60. | 60. | 21. | 21.93 | 9.80 | 3.97 |
| 109 Old Town | 001 | F02 | 14 | 3. | 3. | 10. | 12. | 28. | 35. | 46. | 46. | 46. | 18. | 13.79 | 12.18 | 2.72 |
| 109 Orono | 001 | F02 | 13 | 3. | 3. | 3. | 3. | 14. | 50. | 64. | 64. | 64. | 15. | 20.60 | 6.81 | 3.56 |
| 109 Washington Co | 001 | F02 | 6 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 110 Biddeford | 001 | F01 | 13 | 3. | 3. | 7. | 27. | 49. | 63. | 65. | 65. | 65. | 29. | 23.71 | 16.70 | 3.53 |
| 110 Portland | 003 | F01 | 15 | 3. | 3. | 5. | 17. | 32. | 50. | 51. | 51. | 51. | 21. | 17.44 | 12.46 | 3.24 |
| | 005 | F01 | 15 | 3. | 3. | 3. | 8. | 12. | 27. | 39. | 39. | 39. | 12. | 11.43 | 7.17 | 2.79 |
| | 006 | F01 | 13 | 3. | 10. | 15. | 34. | 52. | 62. | 86. | 86. | 86. | 36. | 24.48 | 26.43 | 2.66 |
| 110 South Portland | 001 | F01 | 12 | 5. | 7. | 11. | 22. | 45. | 53. | 74. | 74. | 74. | 31. | 22.02 | 23.12 | 2.43 |
| | 002 | F01 | 15 | 10. | 11. | 24. | 35. | 51. | 85. | 110. | 110. | 110. | 42. | 28.23 | 33.88 | 2.02 |
| **MARYLAND** | | | | | | | | | | | | | | | | |
| 047 Cheverly | 001 | G01 | 12 | 5. | 9. | 22. | 26. | 45. | 55. | 70. | 70. | 70. | 33. | 19.93 | 26.11 | 2.21 |
| 047 Gaithersburg | 003 | G01 | 15 | 3. | 5. | 14. | 23. | 53. | 63. | 96. | 96. | 96. | 33. | 27.34 | 21.46 | 2.96 |
| 047 Montgomery Co | 010 | F01 | 15 | 3. | 3. | 22. | 37. | 40. | 50. | 65. | 65. | 65. | 31. | 18.30 | 22.57 | 2.85 |
| 047 Prince Georges Co | 001 | G01 | 12 | 3. | 3. | 6. | 14. | 17. | 24. | 31. | 31. | 31. | 14. | 8.65 | 10.67 | 2.29 |
| | 012 | G01 | 10 | 3. | 3. | 6. | 10. | 16. | 35. | 48. | 48. | 48. | 17. | 15.35 | 11.90 | 2.58 |
| | 018 | G01 | 11 | 3. | 5. | 7. | 11. | 15. | 17. | 20. | 20. | 20. | 11. | 5.54 | 9.36 | 1.86 |
| | 019 | G01 | 10 | 6. | 6. | 12. | 23. | 29. | 45. | 51. | 51. | 51. | 25. | 15.80 | 20.27 | 2.12 |
| | 020 | G01 | 11 | 7. | 26. | 31. | 32. | 34. | 42. | 60. | 60. | 60. | 33. | 12.53 | 29.73 | 1.70 |
| | 021 | G01 | 10 | 5. | 5. | 9. | 19. | 27. | 33. | 47. | 47. | 47. | 22. | 13.33 | 17.28 | 2.12 |
| 047 Rockville | 002 | G01 | 9 | 8. | 8. | 12. | 22. | 41. | 49. | 49. | 49. | 49. | 27. | 15.74 | 21.73 | 2.05 |
| 047 Silver Spring | 005 | G01 | 14 | 5. | 7. | 31. | 39. | 47. | 88. | 125. | 125. | 125. | 47. | 31.51 | 35.49 | 2.39 |
| | 007 | G01 | 12 | 5. | 8. | 12. | 20. | 45. | 78. | 86. | 86. | 86. | 33. | 28.20 | 23.29 | 2.52 |
| 112 Frederick | 001 | F01 | 15 | 3. | 3. | 7. | 8. | 12. | 16. | 18. | 18. | 18. | 9. | 4.90 | 7.89 | 1.84 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MARYLAND — Cont.** | | | | | | | | | | | | | | | | |
| | 003 | G01 | 13 | 7. | 7. | 22. | 35. | 55. | 58. | 59. | 59. | 59. | 35. | 18.43 | 28.86 | 2.08 |
| | 004 | G01 | 15 | 5. | 14. | 22. | 29. | 47. | 57. | 67. | 67. | 67. | 33. | 17.85 | 28.11 | 1.97 |
| 112 Frederick Co | 021 | F01 | 15 | 3. | 3. | 3. | 5. | 6. | 8. | 8. | 8. | 8. | 5. | 2.24 | 4.07 | 1.64 |
| | 022 | G01 | 15 | 3. | 3. | 7. | 19. | 22. | 25. | 28. | 28. | 28. | 16. | 8.95 | 12.12 | 2.32 |
| | 023 | G01 | 15 | 3. | 3. | 12. | 22. | 39. | 53. | 54. | 54. | 54. | 27. | 18.50 | 18.11 | 2.93 |
| | 024 | G01 | 15 | 3. | 3. | 7. | 18. | 25. | 35. | 47. | 47. | 47. | 19. | 13.41 | 13.59 | 2.62 |
| 113 Allegany Co | 002 | G01 | 13 | 3. | 5. | 19. | 21. | 30. | 54. | 90. | 90. | 90. | 27. | 22.73 | 19.75 | 2.50 |
| 113 Cumberland | 001 | G01 | 14 | 17. | 18. | 37. | 40. | 61. | 103. | 115. | 115. | 115. | 54. | 31.28 | 45.81 | 1.81 |
| 113 Garrett Co | 001 | F01 | 14 | 7. | 13. | 36. | 41. | 59. | 81. | 126. | 126. | 126. | 48. | 31.64 | 37.36 | 2.20 |
| | 003 | F03 | 15 | 3. | 3. | 5. | 8. | 9. | 14. | 54. | 54. | 54. | 10. | 12.70 | 6.84 | 2.31 |
| 113 Hagerstown | 002 | F01 | 14 | 3. | 3. | 3. | 7. | 10. | 18. | 19. | 19. | 19. | 8. | 6.07 | 6.41 | 2.25 |
| 113 Westernport | 003 | F01 | 15 | 17. | 30. | 41. | 49. | 74. | 106. | 120. | 120. | 120. | 60. | 29.60 | 53.36 | 1.70 |
| 114 Cambridge | 001 | F01 | 13 | 3. | 3. | 3. | 10. | 19. | 24. | 74. | 74. | 74. | 16. | 19.19 | 9.20 | 3.00 |
| 114 Dorchester Co | 001 | F02 | 15 | 3. | 3. | 8. | 11. | 12. | 30. | 32. | 32. | 32. | 13. | 8.96 | 9.94 | 2.13 |
| 114 Elkton | 001 | F01 | 15 | 6. | 12. | 22. | 29. | 37. | 62. | 94. | 94. | 94. | 34. | 23.21 | 27.25 | 2.04 |
| 114 Salisbury | 002 | F01 | 13 | 3. | 7. | 9. | 15. | 22. | 35. | 39. | 39. | 39. | 18. | 11.08 | 14.44 | 2.13 |
| 115 Annapolis | 002 | G01 | 15 | 5. | 7. | 23. | 38. | 49. | 65. | 75. | 75. | 75. | 36. | 22.53 | 26.50 | 2.48 |
| 115 Anne Arundel Co | 002 | G01 | 15 | 6. | 8. | 17. | 22. | 41. | 60. | 72. | 72. | 72. | 30. | 20.02 | 23.03 | 2.18 |
| | 003 | G01 | 14 | 3. | 3. | 8. | 15. | 30. | 40. | 50. | 50. | 50. | 20. | 15.45 | 13.75 | 2.69 |
| | 006 | G01 | 13 | 3. | 7. | 15. | 17. | 31. | 60. | 66. | 66. | 66. | 25. | 19.06 | 18.50 | 2.38 |
| | 008 | G01 | 15 | 3. | 3. | 8. | 24. | 32. | 42. | 61. | 61. | 61. | 23. | 16.68 | 16.24 | 2.79 |
| 115 Baltimore | 001 | P01 | 1 | 33. | 33. | 33. | 33. | 33. | 33. | 33. | 33. | 33. | | | | |
| | 006 | H01 | 12 | 3. | 3. | 5. | 9. | 15. | 21. | 23. | 23. | 23. | 11. | 7.32 | 8.53 | 2.21 |
| | 007 | H01 | 11 | 6. | 9. | 21. | 39. | 48. | 65. | 112. | 112. | 112. | 41. | 30.29 | 30.67 | 2.39 |
| | 018 | F01 | 14 | 12. | 19. | 34. | 41. | 52. | 77. | 103. | 103. | 103. | 46. | 24.33 | 40.03 | 1.78 |
| | 021 | G01 | 14 | 3. | 3. | 9. | 13. | 15. | 25. | 30. | 30. | 30. | 14. | 8.25 | 10.77 | 2.16 |
| | 023 | F01 | 15 | 17. | 33. | 66. | 96. | 114. | 129. | 184. | 184. | 184. | 92. | 42.20 | 80.78 | 1.83 |
| | 024 | F01 | 15 | 11. | 12. | 27. | 34. | 52. | 72. | 103. | 103. | 103. | 42. | 24.92 | 34.98 | 1.92 |
| | 025 | F01 | 15 | 5. | 12. | 27. | 34. | 47. | 62. | 78. | 78. | 78. | 35. | 19.58 | 29.35 | 2.03 |
| 115 Baltimore Co | 002 | F01 | 15 | 3. | 3. | 7. | 11. | 28. | 74. | 80. | 80. | 80. | 23. | 24.96 | 13.15 | 3.21 |
| | 003 | G01 | 13 | 3. | 3. | 3. | 9. | 12. | 30. | 35. | 35. | 35. | 12. | 10.54 | 7.90 | 2.56 |
| | 004 | G01 | 13 | 3. | 5. | 8. | 10. | 19. | 43. | 66. | 66. | 66. | 17. | 18.11 | 11.57 | 2.41 |
| 115 Bel Air | 001 | F01 | 15 | 3. | 7. | 25. | 30. | 39. | 70. | 109. | 109. | 109. | 37. | 26.60 | 27.39 | 2.49 |
| 115 Cockeysville | 001 | G01 | 15 | 3. | 3. | 6. | 6. | 8. | 12. | 14. | 14. | 14. | 7. | 3.63 | 5.90 | 1.82 |
| 115 Dundalk | 001 | F01 | 15 | 3. | 21. | 29. | 40. | 51. | 85. | 116. | 116. | 116. | 47. | 29.18 | 36.52 | 2.42 |
| 115 Essex | 001 | G01 | 15 | 3. | 19. | 30. | 44. | 51. | 83. | 90. | 90. | 90. | 44. | 24.44 | 35.03 | 2.40 |
| 115 Harford Co | 002 | F01 | 15 | 3. | 3. | 3. | 6. | 10. | 16. | 19. | 19. | 19. | 8. | 5.67 | 6.28 | 2.15 |
| 115 Howard Co | 003 | F01 | 15 | 6. | 7. | 25. | 28. | 47. | 55. | 78. | 78. | 78. | 34. | 20.69 | 26.81 | 2.21 |
| 115 Lansdowne-Baltimore Highln | 001 | F01 | 14 | 3. | 3. | 26. | 37. | 59. | 72. | 107. | 107. | 107. | 43. | 29.52 | 28.46 | 3.22 |
| 115 Riviera Beach | 002 | G01 | 15 | 3. | 7. | 17. | 38. | 41. | 57. | 59. | 59. | 59. | 32. | 18.65 | 23.75 | 2.56 |
| 115 Towson | 001 | G01 | 11 | 21. | 26. | 31. | 35. | 50. | 64. | 83. | 83. | 83. | 43. | 18.61 | 40.06 | 1.51 |
| 115 Westminster | 002 | F01 | 15 | 3. | 3. | 17. | 28. | 40. | 67. | 70. | 70. | 70. | 32. | 22.62 | 22.28 | 2.88 |
| 116 Calvert Co | 002 | F01 | 13 | 3. | 3. | 3. | 5. | 8. | 13. | 20. | 20. | 20. | 7. | 5.55 | 4.98 | 2.14 |
| 116 Charles Co | 001 | F01 | 3 | 5. | 5. | 5. | 8. | 11. | 11. | 11. | 11. | 11. | | | | |
| 116 St Marys Co | 001 | F01 | 8 | 3. | 3. | 7. | 8. | 10. | 27. | 27. | 27. | 27. | 11. | 7.87 | 8.44 | 2.06 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | |
| 042 Chicopee | 001 | F01 | 13 | 13. | 18. | 24. | 45. | 52. | 65. | 76. | 76. | 76. | 41. | 20.22 | 36.00 | 1.73 |
| | 003 | F01 | 15 | 10. | 13. | 21. | 29. | 52. | 102. | 107. | 107. | 107. | 42. | 32.17 | 32.36 | 2.12 |
| 042 Greenfield | 001 | F01 | 11 | 21. | 29. | 47. | 52. | 76. | 84. | 259. | 259. | 259. | 73. | 65.08 | 58.04 | 1.92 |
| 042 Holyoke | 004 | F01 | 15 | 21. | 21. | 24. | 29. | 39. | 71. | 217. | 217. | 217. | 47. | 49.74 | 36.05 | 1.88 |
| 042 Springfield | 002 | F01 | 15 | 18. | 26. | 37. | 45. | 52. | 100. | 105. | 105. | 105. | 52. | 27.55 | 46.37 | 1.66 |
| | 003 | F01 | 15 | 2. | 2. | 2. | 8. | 18. | 24. | 24. | 24. | 24. | 11. | 8.75 | 7.53 | 2.58 |
| | 005 | F01 | 15 | 18. | 21. | 39. | 50. | 89. | 134. | 141. | 141. | 141. | 68. | 42.19 | 55.79 | 1.93 |
| 117 Adams | 001 | F01 | 14 | 2. | 5. | 18. | 24. | 37. | 110. | 110. | 110. | 110. | 40. | 38.33 | 24.97 | 3.02 |
| 117 Lee | 001 | F01 | 14 | 2. | 5. | 10. | 18. | 58. | 89. | 100. | 100. | 100. | 37. | 33.36 | 21.99 | 3.19 |
| 117 North Adams | 001 | F01 | 13 | 5. | 8. | 10. | 29. | 63. | 94. | 107. | 107. | 107. | 43. | 36.10 | 27.59 | 2.85 |
| 117 Pittsfield | 002 | F01 | 12 | 5. | 18. | 31. | 45. | 50. | 73. | 128. | 128. | 128. | 47. | 30.91 | 37.98 | 2.19 |
| | 004 | F01 | 14 | 8. | 10. | 18. | 31. | 52. | 84. | 100. | 100. | 100. | 42. | 29.75 | 31.78 | 2.32 |
| 118 Athol | 001 | F01 | 13 | 5. | 8. | 21. | 31. | 42. | 60. | 73. | 73. | 73. | 33. | 20.86 | 26.10 | 2.23 |
| 118 Fitchburg | 002 | F01 | 12 | 16. | 29. | 37. | 63. | 94. | 121. | 126. | 126. | 126. | 68. | 37.97 | 57.46 | 1.93 |
| | 003 | F01 | 13 | 8. | 18. | 29. | 37. | 79. | 115. | 134. | 134. | 134. | 54. | 38.63 | 41.74 | 2.19 |
| | 004 | F01 | 13 | 10. | 16. | 26. | 45. | 68. | 115. | 121. | 121. | 121. | 51. | 35.35 | 40.70 | 2.10 |
| 118 Warren | 001 | F01 | 13 | 2. | 2. | 2. | 10. | 29. | 47. | 79. | 79. | 79. | 19. | 22.81 | 9.38 | 3.58 |
| 118 Worchester | 004 | F01 | 13 | 2. | 13. | 31. | 60. | 73. | 139. | 149. | 149. | 149. | 66. | 48.11 | 44.43 | 3.11 |
| | 008 | F01 | 13 | 5. | 5. | 13. | 26. | 60. | 100. | 131. | 131. | 131. | 41. | 38.37 | 25.95 | 2.99 |
| | 012 | F01 | 13 | 2. | 18. | 37. | 60. | 100. | 141. | 149. | 149. | 149. | 68. | 47.13 | 47.58 | 2.99 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **MASSACHUSETTS — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 119 Boston | 001 | F01 | 12 | 5. | 8. | 10. | 29. | 73. | 105. | 115. | 115. | 115. | 48. | 41.50 | 29.34 | 3.09 |
|  | 002 | F01 | 14 | 24. | 29. | 47. | 60. | 89. | 115. | 155. | 155. | 155. | 74. | 38.61 | 64.02 | 1.76 |
|  | 012 | F01 | 11 | 5. | 10. | 13. | 55. | 63. | 73. | 89. | 89. | 89. | 43. | 30.47 | 30.31 | 2.72 |
| 119 Brookline | 001 | F01 | 13 | 2. | 2. | 2. | 13. | 16. | 58. | 71. | 71. | 71. | 18. | 21.29 | 10.44 | 3.12 |
| 119 Cambridge | 001 | F01 | 8 | 2. | 2. | 8. | 13. | 39. | 55. | 55. | 55. | 55. | 25. | 20.60 | 16.11 | 2.95 |
|  | 004 | F01 | 14 | 5. | 13. | 42. | 45. | 60. | 73. | 94. | 94. | 94. | 48. | 24.49 | 38.97 | 2.16 |
| 119 Framingham | 001 | F01 | 13 | 2. | 8. | 13. | 29. | 42. | 60. | 110. | 110. | 110. | 33. | 28.58 | 22.50 | 2.68 |
| 119 Lynn | 001 | F01 | 9 | 2. | 2. | 24. | 60. | 71. | 118. | 118. | 118. | 118. | 54. | 39.86 | 32.66 | 3.84 |
| 119 Marblehead | 001 | F01 | 14 | 2. | 2. | 2. | 5. | 10. | 29. | 34. | 34. | 34. | 10. | 10.03 | 6.81 | 2.55 |
| 119 Maynard | 001 | F01 | 11 | 2. | 5. | 13. | 21. | 26. | 29. | 39. | 39. | 39. | 19. | 11.26 | 15.03 | 2.28 |
| 119 Medford | 002 | F01 | 13 | 2. | 8. | 31. | 50. | 76. | 84. | 86. | 86. | 86. | 49. | 29.18 | 34.70 | 2.93 |
|  | 003 | F01 | 14 | 13. | 16. | 39. | 60. | 73. | 121. | 134. | 134. | 134. | 62. | 36.88 | 49.60 | 2.11 |
| 119 Needham | 002 | F01 | 14 | 5. | 8. | 18. | 24. | 37. | 47. | 97. | 97. | 97. | 31. | 23.66 | 23.93 | 2.18 |
| 119 Norwood | 001 | F01 | 12 | 8. | 16. | 21. | 37. | 45. | 76. | 86. | 86. | 86. | 38. | 24.07 | 31.42 | 2.01 |
| 119 Quincy | 002 | F01 | 13 | 2. | 13. | 37. | 39. | 71. | 79. | 115. | 115. | 115. | 47. | 30.54 | 34.62 | 2.65 |
|  | 005 | F01 | 8 | 10. | 10. | 18. | 21. | 50. | 68. | 68. | 68. | 68. | 33. | 24.21 | 26.01 | 2.16 |
| 119 Revere | 002 | F01 | 14 | 2. | 5. | 8. | 34. | 60. | 110. | 110. | 110. | 110. | 45. | 39.05 | 24.77 | 3.78 |
| 119 Waltham | 004 | F01 | 13 | 2. | 5. | 13. | 29. | 86. | 115. | 121. | 121. | 121. | 47. | 42.58 | 27.83 | 3.36 |
| 119 Woburn | 002 | F01 | 14 | 2. | 2. | 8. | 8. | 16. | 37. | 39. | 39. | 39. | 13. | 11.70 | 9.13 | 2.47 |
| 120 Attleboro | 002 | F01 | 12 | 2. | 16. | 31. | 37. | 58. | 71. | 86. | 86. | 86. | 41. | 23.77 | 31.80 | 2.55 |
| 120 Fall River | 004 | F01 | 8 | 2. | 2. | 5. | 5. | 21. | 39. | 39. | 39. | 39. | 15. | 13.39 | 9.34 | 2.96 |
| 120 Falmouth | 001 | F01 | 14 | 2. | 2. | 5. | 5. | 21. | 31. | 52. | 52. | 52. | 16. | 15.27 | 9.58 | 2.92 |
| 120 New Bedford | 002 | F01 | 11 | 2. | 2. | 5. | 18. | 39. | 42. | 45. | 45. | 45. | 21. | 17.34 | 12.51 | 3.36 |
| 120 Plymouth | 001 | F01 | 13 | 8. | 13. | 16. | 39. | 47. | 76. | 94. | 94. | 94. | 38. | 25.66 | 30.17 | 2.11 |
| 121 Ayer | 001 | F01 | 14 | 5. | 10. | 24. | 26. | 50. | 81. | 105. | 105. | 105. | 41. | 29.42 | 30.32 | 2.39 |
| 121 Haverhill | 001 | F01 | 11 | 8. | 10. | 26. | 37. | 55. | 115. | 136. | 136. | 136. | 53. | 44.31 | 36.44 | 2.64 |
| 121 Lawrence | 003 | F01 | 14 | 5. | 13. | 34. | 39. | 65. | 84. | 84. | 84. | 84. | 48. | 27.53 | 37.74 | 2.24 |
| 121 Lowell | 001 | F01 | 15 | 10. | 13. | 34. | 42. | 58. | 110. | 121. | 121. | 121. | 51. | 32.89 | 41.21 | 2.04 |
|  | 003 | F01 | 15 | 16. | 21. | 39. | 50. | 73. | 123. | 176. | 176. | 176. | 66. | 44.14 | 53.88 | 1.96 |
|  | 004 | F01 | 15 | 5. | 13. | 34. | 47. | 60. | 128. | 134. | 134. | 134. | 55. | 38.22 | 42.04 | 2.36 |
| 121 Newburyport | 002 | F01 | 14 | 2. | 5. | 18. | 18. | 29. | 45. | 65. | 65. | 65. | 25. | 17.38 | 18.06 | 2.50 |
| **MICHIGAN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 122 Flint | 006 | F01 | 15 | 3. | 3. | 10. | 13. | 29. | 69. | 111. | 111. | 111. | 27. | 30.87 | 13.73 | 3.56 |
|  | 008 | F01 | 14 | 3. | 3. | 11. | 35. | 40. | 62. | 64. | 64. | 64. | 31. | 22.32 | 18.48 | 3.53 |
|  | 008 | F01 | 7 | 5. | 5. | 5. | 16. | 46. | 105. | 105. | 105. | 105. | 41. | 46.06 | 19.35 | 4.11 |
| 122 Grand Rapids | 001 | F01 | 7 | 5. | 5. | 6. | 6. | 9. | 35. | 35. | 35. | 35. | 12. | 11.46 | 9.29 | 2.16 |
|  | 002 | F01 | 15 | 3. | 8. | 13. | 17. | 27. | 65. | 80. | 80. | 80. | 26. | 21.81 | 19.20 | 2.39 |
|  | 006 | F01 | 7 | 3. | 3. | 14. | 18. | 19. | 65. | 65. | 65. | 65. | 24. | 21.31 | 15.98 | 2.84 |
| 122 Midland | 001 | F01 | 10 | 3. | 3. | 5. | 12. | 25. | 61. | 127. | 127. | 127. | 29. | 38.84 | 13.72 | 3.67 |
| 122 Muskegon | 017 | F01 | 14 | 3. | 13. | 24. | 28. | 47. | 109. | 222. | 222. | 222. | 51. | 56.04 | 32.91 | 2.86 |
|  | 019 | F01 | 13 | 3. | 8. | 9. | 39. | 65. | 75. | 79. | 79. | 79. | 39. | 30.18 | 24.32 | 3.19 |
| 122 Saginaw | 001 | F01 | 7 | 11. | 11. | 15. | 19. | 22. | 64. | 64. | 64. | 64. | 26. | 19.47 | 21.57 | 1.92 |
| 123 Dearborn | 001 | F01 | 8 | 7. | 7. | 33. | 34. | 43. | 77. | 77. | 77. | 77. | 38. | 21.77 | 31.63 | 2.09 |
| 123 Detroit | 001 | F01 | 8 | 12. | 12. | 21. | 21. | 36. | 135. | 135. | 135. | 135. | 40. | 39.85 | 29.72 | 2.07 |
|  | 016 | F01 | 13 | 3. | 10. | 14. | 49. | 90. | 116. | 154. | 154. | 154. | 55. | 46.49 | 34.17 | 3.29 |
|  | 018 | F01 | 14 | 3. | 3. | 28. | 55. | 52. | 87. | 174. | 174. | 174. | 49. | 43.96 | 30.16 | 3.36 |
| 123 Mount Clemens | 001 | F01 | 13 | 3. | 3. | 3. | 15. | 18. | 28. | 32. | 32. | 32. | 14. | 10.15 | 9.40 | 2.70 |
| 123 Pontiac | 002 | F01 | 5 | 3. | 3. | 10. | 16. | 18. | 18. | 18. | 18. | 18. |  |  |  |  |
| 123 St Clair Shores | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 9. | 11. | 12. | 12. | 12. | 6. | 3.92 | 4.68 | 2.04 |
| 123 Southfield | 001 | F01 | 13 | 3. | 3. | 14. | 22. | 31. | 44. | 45. | 45. | 45. | 23. | 14.14 | 17.03 | 2.60 |
| 123 Warren | 001 | F01 | 14 | 3. | 3. | 28. | 42. | 56. | 85. | 90. | 90. | 90. | 42. | 30.18 | 26.27 | 3.45 |
| 124 Monroe | 020 | F01 | 15 | 3. | 3. | 7. | 18. | 40. | 62. | 73. | 73. | 73. | 26. | 23.43 | 14.06 | 3.59 |
| 124 Monroe Co | 008 | F01 | 14 | 3. | 3. | 12. | 16. | 31. | 55. | 83. | 83. | 83. | 25. | 23.34 | 14.91 | 3.21 |
| 125 East Lansing | 001 | F01 | 12 | 3. | 3. | 20. | 29. | 54. | 67. | 92. | 92. | 92. | 39. | 27.06 | 25.49 | 3.29 |
| 125 Kalamazoo | 002 | F01 | 12 | 3. | 3. | 9. | 14. | 18. | 22. | 29. | 29. | 29. | 14. | 7.74 | 11.23 | 2.19 |
| 125 Lansing | 001 | F01 | 5 | 5. | 5. | 10. | 12. | 31. | 43. | 43. | 43. | 43. | 20. | 16.12 | 15.16 | 2.40 |
| 126 Marquette | 005 | F01 | 7 | 3. | 3. | 10. | 28. | 29. | 78. | 78. | 78. | 78. | 28. | 27.46 | 15.23 | 3.99 |
| 126 Ontonagon Co | 001 | F01 | 13 | 3. | 3. | 3. | 14. | 20. | 22. | 25. | 25. | 25. | 13. | 8.25 | 9.10 | 2.56 |
| 126 Petoskey | 001 | F01 | 12 | 3. | 3. | 7. | 12. | 25. | 33. | 42. | 42. | 42. | 16. | 12.97 | 10.88 | 2.78 |
|  | 002 | F01 | 14 | 3. | 3. | 9. | 11. | 23. | 29. | 39. | 39. | 39. | 15. | 11.71 | 10.21 | 2.76 |
| **MINNESOTA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 127 St Cloud | 021 | H01 | 14 | 2. | 2. | 2. | 5. | 16. | 26. | 39. | 39. | 39. | 12. | 11.48 | 7.06 | 2.87 |
| 129 Rochester | 014 | G01 | 14 | 2. | 2. | 2. | 5. | 29. | 73. | 105. | 105. | 105. | 26. | 33.98 | 9.70 | 4.50 |
|  | 016 | G01 | 14 | 2. | 2. | 2. | 5. | 10. | 21. | 50. | 50. | 50. | 10. | 12.74 | 6.09 | 2.65 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MINNESOTA — Cont.** | | | | | | | | | | | | | | | | |
| 128 Winona | 009 | F01 | 13 | 2. | 2. | 2. | 2. | 5. | 29. | 31. | 31. | 31. | 8. | 10.41 | 4.72 | 2.67 |
| 129 Cloquet | 011 | F01 | 22 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 84. | 84. | 6. | 17.34 | 2.92 | 2.12 |
| | 011 | F05 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 129 Duluth | 001 | P01 | 4 | 13. | 13. | 16. | 16. | 24. | 42. | 42. | 42. | 42. | | | | |
| | 002 | G01 | 14 | 2. | 2. | 2. | 2. | 2. | 8. | 21. | 21. | 21. | 4. | 5.03 | 3.15 | 1.87 |
| | 004 | G01 | 8 | 2. | 2. | 2. | 2. | 10. | 29. | 29. | 29. | 29. | 10. | 10.00 | 6.32 | 2.86 |
| | 005 | G01 | 13 | 2. | 5. | 8. | 18. | 34. | 60. | 105. | 105. | 105. | 28. | 29.97 | 16.63 | 3.09 |
| 129 International Falls | 002 | F01 | 15 | 2. | 2. | 2. | 2. | 8. | 16. | 16. | 16. | 16. | 6. | 4.86 | 4.41 | 2.12 |
| 131 Dakota Co | 020 | F02 | 15 | 2. | 2. | 8. | 24. | 42. | 134. | 139. | 139. | 139. | 45. | 50.78 | 19.19 | 4.57 |
| 131 Minneapolis | 001 | P01 | 2 | 27. | 27. | 27. | 27. | 71. | 71. | 71. | 71. | 71. | | | | |
| | 007 | H01 | 3 | 2. | 2. | 2. | 8. | 37. | 37. | 37. | 37. | 37. | | | | |
| | 007 | H05 | 1 | 39. | 39. | 39. | 39. | 39. | 39. | 39. | 39. | 39. | | | | |
| | 014 | H01 | 9 | 5. | 5. | 16. | 37. | 58. | 100. | 100. | 100. | 100. | 43. | 33.50 | 29.62 | 2.72 |
| | 027 | F01 | 14 | 2. | 2. | 24. | 26. | 34. | 68. | 105. | 105. | 105. | 32. | 28.23 | 20.53 | 3.12 |
| | 027 | F05 | 14 | 2. | 2. | 13. | 37. | 47. | 71. | 86. | 86. | 86. | 36. | 26.41 | 23.07 | 3.26 |
| | 027 | P01 | 4 | 13. | 13. | 41. | 41. | 47. | 77. | 77. | 77. | 77. | | | | |
| 131 Richfield | 001 | H02 | 16 | 2. | 2. | 2. | 8. | 21. | 29. | 31. | 31. | 31. | 13. | 10.46 | 8.28 | 2.87 |
| 131 St Paul | 003 | H01 | 15 | 10. | 13. | 21. | 34. | 47. | 97. | 100. | 100. | 100 | 41. | 28.81 | 32.74 | 2.03 |
| | 018 | H01 | 14 | 2. | 2. | 5. | 16. | 29. | 58. | 71. | 71. | 71. | 24. | 22.07 | 13.58 | 3.34 |
| | 021 | H01 | 15 | 2. | 2. | 13. | 18. | 50. | 131. | 160. | 160. | 160. | 46. | 50.58 | 22.46 | 4.06 |
| | 030 | H01 | 14 | 2. | 13. | 18. | 24. | 58. | 115. | 144. | 144. | 144. | 50. | 46.89 | 30.75 | 3.01 |
| | 031 | H01 | 13 | 2. | 13. | 13. | 21. | 47. | 84. | 141. | 141. | 141. | 40. | 38.57 | 26.25 | 2.86 |
| | 031 | P01 | 8 | 5. | 5. | 17. | 37. | 64. | 130. | 130. | 130. | 130. | 54. | 47.89 | 34.12 | 3.10 |
| 131 St Paul Park | 004 | F02 | 15 | 2. | 2. | 21. | 37. | 58. | 207. | 244. | 244. | 244. | 67. | 76.34 | 30.27 | 4.58 |
| 132 Bemidji | 002 | F01 | 14 | 2. | 2. | 2. | 5. | 8. | 10 | 10. | 10. | 10. | 6. | 3.18 | 4.86 | 1.86 |
| 133 Worthington | 001 | F01 | 13 | 2. | 2. | 2. | 2. | 2. | 5. | 29. | 29. | 29. | 5. | 7.25 | 3.37 | 2.02 |
| **MISSISSIPPI** | | | | | | | | | | | | | | | | |
| 005 Gulfport | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 8. | 25. | 25. | 25. | 5. | 5.93 | 3.40 | 1.98 |
| 005 Hattiesburg | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 3. | 1.47 | 2.72 | 1.36 |
| 005 Jackson | 007 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 19. | 19. | 19. | 4. | 4.26 | 2.86 | 1.69 |
| | 008 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 10. | 12. | 12. | 12. | 4. | 3.01 | 3.04 | 1.68 |
| | 009 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 005 Jackson Co | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 13. | 15. | 15. | 15. | 5. | 4.62 | 3.89 | 2.08 |
| 005 Lamar Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 005 Laurel | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 21. | 33. | 33. | 33. | 6. | 8.91 | 3.42 | 2.30 |
| 005 Meridian | 002 | F01 | 13 | 3. | 3. | 3. | 3. | 10. | 22. | 32. | 32. | 32. | 8. | 9.56 | 5.07 | 2.68 |
| 005 Natchez | 004 | F01 | 5 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 005 Pascagoula | 002 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| | 003 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 005 Vicksburg | 003 | F01 | 6 | 3. | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 12. | | | | |
| 134 Greenville | 002 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 135 Tupelo | 002 | F01 | 6 | 3. | 3. | 3. | 3. | 12. | 13. | 13. | 13. | 13. | | | | |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 070 St Louis | 001 | P01 | 2 | 5. | 5. | 5. | 5. | 50. | 50. | 50. | 50. | 50. | | | | |
| 139 Shannon Co | 002 | P03 | 8 | 3. | 3. | 5. | 5. | 7. | 18. | 18. | 18. | 18. | 8. | 6.20 | 6.00 | 2.12 |
| 139 Springfield | 017 | H01 | 15 | 3. | 3. | 3. | 3. | 3. | 14. | 16. | 16. | 16. | 5. | 4.50 | 3.67 | 1.99 |
| **MONTANA** | | | | | | | | | | | | | | | | |
| 141 Glacier Nat Park | 001 | P03 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 3. | 1.42 | 2.70 | 1.35 |
| 142 Anaconda | 904 | A05 | 60 | 3. | 3. | 3. | 3. | 3. | 25. | 41. | 80. | 80. | 9. | 14.67 | 4.30 | 2.68 |
| 142 Deer Lodge Co | 905 | A05 | 55 | 3. | 3. | 3. | 6. | 15. | 47. | 57. | 92. | 92. | 15. | 19.72 | 7.36 | 3.28 |
| 142 Helena | 901 | A05 | 59 | 3. | 3. | 3. | 8. | 35. | 87. | 143. | 236. | 236. | 33. | 51.38 | 10.75 | 4.78 |
| 142 Jefferson Co | 902 | A05 | 62 | 3. | 3 | 3. | 5. | 26. | 193. | 384. | 1417. | 1417. | 75. | 215.30 | 11.48 | 5.89 |
| | 903 | A05 | 66 | 3 | 3. | 3. | 11. | 55. | 141. | 156. | 429. | 429. | 45. | 75.09 | 13.42 | 5.14 |
| 143 Mc Cone Co | 001 | P03 | 14 | 3. | 3. | 5. | 10. | 22. | 29. | 37. | 37. | 37. | 15. | 11.69 | 9.77 | 2.75 |
| 143 Rosebud Co | 027 | F03 | 63 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| | 028 | F03 | 63 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 085 Bellevue | 002 | F01 | 8 | 2. | 2. | 2. | 2. | 2. | 47. | 47. | 47. | 47. | 12. | 17.99 | 4.99 | 3.63 |
| 085 Omaha | 001 | P01 | 7 | 3. | 3. | 10. | 19. | 29. | 72. | 72. | 72. | 72. | 26. | 24.25 | 16.78 | 3.07 |
| | 005 | G01 | 14 | 2. | 2. | 2. | 2. | 199. | 1373. | 1522. | 1522. | 1522. | 294. | 518.98 | 21.95 | 15.39 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEBRASKA — Cont.** | | | | | | | | | | | | | | | | |
| | 019 | G01 | 14 | 2. | 2. | 2. | 176. | 231. | 616. | 1789. | 1789. | 1789. | 281. | 472.49 | 41.79 | 13.47 |
| | 024 | G01 | 14 | 2. | 2. | 52. | 97. | 299. | 1124. | 1396. | 1396. | 1396. | 332. | 446.29 | 71.89 | 11.00 |
| | 027 | G01 | 13 | 2. | 2. | 2. | 105. | 398. | 493. | 1499. | 1499. | 1499. | 260. | 413.66 | 44.16 | 12.14 |
| | 028 | G01 | 14 | 2. | 2. | 2. | 2. | 157. | 199. | 1522. | 1522. | 1522. | 170. | 398.30 | 17.41 | 11.11 |
| 086 South Sioux City | 001 | F01 | 5 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 145 Lancaster Co | 003 | G01 | 14 | 5. | 5. | 5. | 5. | 5. | 34. | 58. | 58. | 58. | 14. | 16.11 | 8.95 | 2.45 |
| 145 Lincoln | 002 | P01 | 8 | 5. | 5. | 9. | 12. | 13. | 23. | 23. | 23. | 23. | 12. | 6.02 | 10.64 | 1.72 |
| | 004 | G01 | 15 | 5. | 5. | 5. | 5. | 5. | 10. | 26. | 26. | 26. | 7. | 5.48 | 6.11 | 1.55 |
| 146 Fremont | 001 | F01 | 5 | 2. | 2. | 2. | 58. | 160. | 202. | 202. | 202. | 202. | 85. | 91.64 | 25.84 | 8.91 |
| | 002 | F01 | 3 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | | | |
| 146 Grand Island | 001 | F01 | 8 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 146 North Platte | 001 | F01 | 11 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 146 Thomas Co | 001 | P03 | 8 | 5. | 5. | 7. | 7. | 7. | 20. | 20. | 20. | 20. | 9. | 5.04 | 8.11 | 1.58 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 148 Reno | 005 | I01 | 14 | 2. | 2. | 5. | 5. | 8. | 11. | 11. | 11. | 11. | 6. | 3.21 | 5.54 | 1.79 |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | |
| 107 Berlin | 007 | F01 | 13 | 26. | 26. | 32. | 45. | 66. | 86. | 89. | 89. | 89. | 50. | 23.15 | 45.42 | 1.59 |
| 107 Coos Co | 001 | F03 | 11 | 26. | 26. | 26. | 26. | 26. | 26. | 28. | 28. | 28. | 26. | .60 | 26.18 | 1.02 |
| 107 Northumberland | 001 | F01 | 14 | 26. | 26. | 26. | 26. | 26. | 26. | 47. | 47. | 47. | 28. | 5.61 | 27.12 | 1.17 |
| 121 Concord | 002 | F01 | 3 | 26. | 26. | 26. | 75. | 93. | 93. | 93. | 93. | 93. | | | | |
| 121 Keene | 002 | F01 | 15 | 26. | 26. | 26. | 30. | 36. | 51. | 78. | 78. | 78. | 35. | 14.59 | 33.27 | 1.40 |
| | 004 | F01 | 9 | 26. | 26. | 26. | 34. | 63. | 74. | 74. | 74. | 74. | 43. | 19.28 | 39.19 | 1.55 |
| 121 Manchester | 009 | F01 | 14 | 40. | 60. | 86. | 89. | 134. | 198. | 249. | 249. | 249. | 120. | 59.78 | 107.01 | 1.66 |
| 121 Nashua | 005 | F01 | 15 | 26. | 26. | 45. | 75. | 95. | 128. | 136. | 136. | 136. | 74. | 35.53 | 65.16 | 1.72 |
| 121 Pembroke | 001 | F01 | 11 | 15. | 26. | 26. | 30. | 39. | 46. | 66. | 66. | 66. | 34. | 13.60 | 32.03 | 1.47 |
| 121 Portsmouth | 005 | F01 | 11 | 26. | 26. | 26. | 35. | 55. | 86. | 108. | 108. | 108. | 49. | 27.74 | 42.94 | 1.68 |
| | 007 | F01 | 14 | 26. | 26. | 26. | 26. | 26. | 34. | 43. | 43. | 43. | 28. | 4.87 | 27.47 | 1.16 |
| 149 Plymouth | 001 | F01 | 15 | 26. | 26. | 26. | 29. | 45. | 117. | 124. | 124. | 124. | 46. | 33.33 | 38.71 | 1.75 |
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Elizabeth | 002 | P01 | 8 | 38. | 38. | 61. | 78. | 99. | 136. | 136. | 136. | 136. | 84. | 34.95 | 77.90 | 1.55 |
| 043 Jersey City | 001 | P01 | 8 | 13. | 13. | 33. | 55. | 60. | 182. | 182. | 182. | 182. | 67. | 54.91 | 50.86 | 2.28 |
| 043 Newark | 001 | P01 | 8 | 3. | 3. | 3. | 3. | 3. | 26. | 26. | 26. | 26. | 6. | 8.30 | 3.93 | 2.42 |
| 043 Paterson | 001 | P01 | 6 | 17. | 17. | 43. | 52. | 65. | 119. | 119. | 119. | 119. | 59. | 33.78 | 50.88 | 1.89 |
| 045 Camden | 001 | P01 | 8 | 11. | 11. | 13. | 14. | 25. | 33. | 33. | 33. | 33. | 20. | 8.91 | 18.73 | 1.55 |
| 045 Camden Co | 003 | P01 | 4 | 18. | 18. | 26. | 26. | 44. | 78. | 78. | 78. | 78. | | | | |
| 045 Glassboro | 001 | P01 | 8 | 19. | 19. | 29. | 33. | 49. | 55. | 55. | 55. | 55. | 38. | 13.45 | 35.71 | 1.48 |
| 045 Trenton | 001 | P01 | 8 | 24. | 24. | 58. | 63. | 68. | 107. | 107. | 107. | 107. | 65. | 29.38 | 58.70 | 1.68 |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 012 Bayard | 001 | F01 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 346. | 346. | 346. | 25. | 88.65 | 3.46 | 3.58 |
| 012 Deming | 001 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 012 Grant Co | 001 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 8. | 8. | 8. | 3. | 1.39 | 2.69 | 1.35 |
| | 002 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 10. | 10. | 10. | 10. | 4. | 2.83 | 3.17 | 1.69 |
| 012 Hidalgo Co | 002 | F03 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 012 Lordsburg | 001 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 012 Silver City | 001 | F01 | 14 | 2. | 2. | 2. | 2. | 2. | 5. | 24. | 24. | 24. | 4. | 5.63 | 3.08 | 1.86 |
| 014 Aztec | 001 | F02 | 13 | 2. | 2. | 2. | 2. | 2. | 2. | 5. | 5. | 5. | 3. | .76 | 2.64 | 1.23 |
| 014 Farmington | 001 | F01 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 92. | 92. | 92. | 8. | 23.03 | 3.17 | 2.54 |
| 014 San Juan Co | 004 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 8. | 8. | 8. | 3. | 1.44 | 2.70 | 1.36 |
| | 005 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| | 013 | F02 | 61 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 100. | 100. | 4. | 12.49 | 2.70 | 1.63 |
| | 014 | F02 | 62 | 3. | 3. | 3. | 3. | 3. | 20. | 26. | 50. | 50. | 7. | 9.12 | 4.09 | 2.42 |
| | 015 | F02 | 65 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 27. | 27. | 3. | 3.09 | 2.66 | 1.39 |
| 152 Albuquerque | 001 | P01 | 5 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 153 Dona Ana Co | 001 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 58. | 58. | 58. | 6. | 14.74 | 3.12 | 2.32 |
| | 002 | F02 | 13 | 2. | 2. | 2. | 2. | 10. | 37. | 47. | 47. | 47. | 11. | 15.05 | 5.05 | 3.17 |
| | 004 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 10. | 58. | 58. | 58. | 7. | 14.20 | 3.55 | 2.39 |
| 153 Las Cruces | 001 | F01 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 156 Socorro | 002 | F01 | 11 | 2. | 2. | 2. | 2. | 2. | 60. | 202. | 202. | 202. | 30. | 60.56 | 6.45 | 5.30 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

## 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Freeport | 002 | F01 | 15 | 2. | 21. | 21. | 31. | 45. | 92. | 110. | 110. | 110. | 40. | 27.84 | 31.04 | 2.37 |
| 043 Garden City | 001 | F01 | 15 | 2. | 10. | 21. | 31. | 42. | 92. | 102. | 102. | 102. | 38. | 28.24 | 27.70 | 2.51 |
| 043 Glen Cove | 001 | F01 | 14 | 2. | 16. | 18. | 21. | 37. | 84. | 126. | 126. | 126. | 35. | 32.45 | 24.81 | 2.50 |
| 043 Hauppauge | 001 | F01 | 6 | 18. | 18. | 24. | 34. | 47. | 73. | 73. | 73. | 73. | 38. | 19.79 | 34.67 | 1.64 |
| 043 Hempstead | 001 | F01 | 15 | 10. | 13. | 18. | 29. | 37. | 58. | 84. | 84. | 84. | 32. | 19.49 | 27.04 | 1.77 |
| | 003 | F01 | 15 | 2. | 26. | 31. | 34. | 45. | 100. | 105. | 105. | 105. | 44. | 27.35 | 35.08 | 2.34 |
| | 004 | F01 | 15 | 2. | 8. | 18. | 26. | 31. | 79. | 84. | 84. | 84. | 31. | 22.47 | 23.96 | 2.34 |
| | 007 | F01 | 15 | 8. | 21. | 31. | 34. | 45. | 97. | 100. | 100. | 100. | 41. | 25.31 | 35.28 | 1.83 |
| 043 Kings Point | 002 | F01 | 10 | 5. | 5. | 8. | 24. | 26. | 37. | 68. | 68. | 68. | 25. | 18.58 | 19.10 | 2.24 |
| 043 Mamaroneck | 001 | F01 | 12 | 2. | 5. | 8. | 39. | 50. | 81. | 118. | 118. | 118. | 41. | 34.41 | 25.06 | 3.40 |
| 043 Manhasset | 001 | F01 | 15 | 2. | 13. | 18. | 39. | 52. | 86. | 147. | 147. | 147. | 43. | 35.84 | 30.84 | 2.59 |
| 043 Mount Vernon | 003 | F01 | 14 | 8. | 10. | 31. | 39. | 58. | 162. | 270. | 270. | 270. | 63. | 70.70 | 40.97 | 2.59 |
| 043 Nassau Co | 001 | F01 | 15 | 5. | 16. | 24. | 29. | 42. | 92. | 102. | 102. | 102. | 38. | 27.30 | 29.99 | 2.10 |
| | 002 | F01 | 14 | 2. | 2. | 16. | 21. | 34. | 73. | 81. | 81. | 81. | 28. | 24.67 | 17.51 | 3.17 |
| | 004 | F01 | 15 | 2. | 8. | 18. | 26. | 31. | 73. | 110. | 110. | 110. | 31. | 27.24 | 22.87 | 2.43 |
| | 006 | F01 | 14 | 2. | 13. | 21. | 24. | 34. | 52. | 79. | 79. | 79. | 31. | 19.84 | 24.84 | 2.28 |
| 043 New York City | 014 | P01 | 8 | 47. | 47. | 69. | 71. | 96. | 157. | 157. | 157. | 157. | 89. | 35.34 | 83.38 | 1.47 |
| 043 Nyack | 001 | F01 | 15 | 2. | 8. | 10. | 21. | 29. | 81. | 136. | 136. | 136. | 31. | 35.28 | 19.14 | 2.70 |
| 043 Port Chester | 001 | F01 | 13 | 13. | 16. | 24. | 47. | 55. | 134. | 147. | 147. | 147. | 54. | 41.61 | 42.02 | 2.08 |
| 043 Rockland Co | 003 | F01 | 14 | 2. | 2. | 2. | 5. | 21. | 34. | 73. | 73. | 73. | 16. | 19.71 | 8.36 | 3.41 |
| 043 Rockville Centre | 001 | F01 | 13 | 5. | 5. | 24. | 26. | 37. | 76. | 79. | 79. | 79. | 32. | 23.45 | 23.09 | 2.54 |
| 043 Roslyn | 001 | F01 | 13 | 5. | 13. | 21. | 26. | 37. | 68. | 86. | 86. | 86. | 33. | 23.12 | 26.80 | 2.07 |
| 043 Suffolk Co | 012 | F01 | 7 | 16. | 16. | 21. | 24. | 26. | 71. | 71. | 71. | 71. | 30. | 18.94 | 26.42 | 1.65 |
| | 032 | F01 | 15 | 2. | 2. | 5. | 5. | 10. | 18. | 29. | 29. | 29. | 9. | 7.00 | 6.80 | 2.05 |
| 043 Westchester Co | 003 | F01 | 12 | 5. | 8. | 8. | 18. | 34. | 55. | 113. | 113. | 113. | 31. | 30.56 | 20.51 | 2.55 |
| | 005 | F01 | 13 | 5. | 8. | 10. | 24. | 55. | 79. | 86. | 86. | 86. | 34. | 28.34 | 23.45 | 2.63 |
| | 006 | F01 | 14 | 2. | 2. | 5. | 8. | 13. | 34. | 89. | 89. | 89. | 16. | 22.67 | 8.90 | 2.78 |
| 043 West Haverstraw | 001 | F01 | 15 | 2. | 8. | 13. | 24. | 31. | 55. | 92. | 92. | 92. | 28. | 22.78 | 20.12 | 2.42 |
| 043 White Plains | 001 | F01 | 14 | 5. | 5. | 18. | 31. | 65. | 113. | 115. | 115. | 115. | 43. | 36.99 | 28.56 | 2.79 |
| 158 Auburn | 001 | F01 | 14 | 2. | 5. | 13. | 18. | 34. | 60. | 118. | 118. | 118. | 30. | 30.71 | 18.61 | 2.93 |
| | 002 | F01 | 15 | 2. | 2. | 2. | 8. | 13. | 18. | 76. | 76. | 76. | 13. | 18.32 | 7.34 | 2.68 |
| 158 Jefferson Co | 001 | P03 | 6 | 3. | 3. | 10. | 24. | 34. | 44. | 44. | 44. | 44. | 24. | 15.45 | 17.31 | 2.93 |
| 158 Oswego | 001 | F01 | 15 | 2. | 21. | 26. | 47. | 55. | 181. | 199. | 199. | 199. | 70. | 65.94 | 44.12 | 3.07 |
| | 002 | F01 | 15 | 2. | 2. | 2. | 5. | 10. | 50. | 97. | 97. | 97. | 16. | 25.77 | 6.95 | 3.40 |
| 158 Syracuse | 001 | P01 | 6 | 15. | 15. | 18. | 29. | 33. | 36. | 36. | 36. | 36. | 27. | 8.51 | 25.70 | 1.43 |
| 158 Utica | 001 | P01 | 8 | 3. | 3. | 12. | 20. | 28. | 35. | 35. | 35. | 35. | 21. | 11.48 | 16.51 | 2.38 |
| 159 Essex Co | 004 | F01 | 13 | 2. | 2. | 10. | 16. | 37. | 42. | 94. | 94. | 94. | 24. | 24.95 | 15.04 | 2.95 |
| 160 Batavia | 001 | F01 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 160 Brighton | 001 | F01 | 15 | 2. | 8. | 16. | 18. | 29. | 68. | 71. | 71. | 71. | 25. | 20.23 | 18.41 | 2.32 |
| 160 Greece | 001 | F01 | 15 | 2. | 5. | 10. | 24. | 55. | 79. | 105. | 105. | 105. | 36. | 30.85 | 22.06 | 3.11 |
| 160 Irondequoit | 001 | F01 | 15 | 5. | 5. | 29. | 42. | 52. | 65. | 92. | 92. | 92. | 41. | 24.25 | 31.72 | 2.39 |
| 160 Monroe Co | 001 | F01 | 15 | 2. | 8. | 16. | 26. | 31. | 47. | 102. | 102. | 102. | 30. | 23.08 | 22.55 | 2.31 |
| | 002 | F01 | 15 | 2. | 2. | 10. | 18. | 21. | 50. | 63. | 63. | 63. | 20. | 17.77 | 13.71 | 2.71 |
| | 003 | F01 | 15 | 2. | 2. | 8. | 13. | 18. | 39. | 47. | 47. | 47. | 17. | 13.48 | 11.80 | 2.48 |
| | 004 | F01 | 15 | 2. | 2. | 2. | 2. | 24. | 50. | 58. | 58. | 58. | 16. | 19.72 | 7.49 | 3.71 |
| 160 Rochester | 001 | F01 | 12 | 10. | 16. | 26. | 34. | 42. | 89. | 191. | 191. | 191. | 50. | 49.12 | 36.77 | 2.13 |
| | 001 | P01 | 8 | 21. | 21. | 42. | 48. | 116. | 119. | 119. | 119. | 119. | 69. | 41.45 | 57.85 | 1.91 |
| | 002 | F01 | 14 | 10. | 10. | 21. | 24. | 42. | 65. | 76. | 76. | 76. | 34. | 20.97 | 28.22 | 1.89 |
| | 003 | F01 | 14 | 5. | 10. | 29. | 50. | 71. | 84. | 102. | 102. | 102. | 50. | 29.93 | 38.48 | 2.38 |
| | 005 | F01 | 15 | 2. | 5. | 13. | 31. | 47. | 86. | 92. | 92. | 92. | 34. | 28.19 | 22.85 | 2.85 |
| | 008 | F01 | 14 | 2. | 8. | 18. | 21. | 55. | 94. | 105. | 105. | 105. | 39. | 32.82 | 26.19 | 2.80 |
| | 011 | F01 | 15 | 2. | 24. | 31. | 37. | 63. | 100. | 141. | 141. | 141. | 52. | 36.84 | 38.67 | 2.57 |
| 160 Warsaw | 001 | F01 | 9 | 5. | 5. | 24. | 58. | 86. | 105. | 105. | 105. | 105. | 53. | 37.63 | 37.07 | 2.85 |
| 160 Webster | 002 | F01 | 15 | 2. | 2. | 8. | 13. | 18. | 26. | 55. | 55. | 55. | 15. | 13.17 | 10.82 | 2.47 |
| 161 Albany | 001 | F01 | 13 | 8. | 16. | 34. | 76. | 92. | 147. | 162. | 162. | 162. | 71. | 49.82 | 52.31 | 2.50 |
| | 001 | P01 | 7 | 21. | 21. | 49. | 64. | 65. | 154. | 154. | 154. | 154. | 75. | 49.90 | 61.04 | 2.01 |
| | 002 | F01 | 3 | 139. | 139. | 139. | 178. | 202. | 202. | 202. | 202. | 202. | | | | |
| | 005 | F01 | 10 | 16. | 16. | 42. | 63. | 76. | 86. | 131. | 131. | 131. | 63. | 33.23 | 54.40 | 1.88 |
| 161 Cohoes | 001 | F01 | 11 | 8. | 10. | 16. | 37. | 42. | 81. | 210. | 210. | 210. | 49. | 57.70 | 31.45 | 2.62 |
| 161 Columbia Co | 001 | F01 | 14 | 2. | 2. | 18. | 21. | 31. | 68. | 86. | 86. | 86. | 29. | 23.23 | 20.48 | 2.78 |
| 161 Dutchess Co | 001 | F01 | 15 | 2. | 8. | 16. | 24. | 39. | 68. | 73. | 73. | 73. | 30. | 21.38 | 22.67 | 2.44 |
| | 003 | F01 | 14 | 8. | 8. | 24. | 29. | 39. | 100. | 128. | 128. | 128. | 41. | 34.63 | 30.16 | 2.30 |
| 161 Hudson | 001 | F01 | 15 | 8. | 10. | 16. | 29. | 63. | 86. | 141. | 141. | 141. | 45. | 37.53 | 32.01 | 2.39 |
| 161 Kingston | 003 | F01 | 14 | 26. | 34. | 37. | 47. | 73. | 89. | 94. | 94. | 94. | 56. | 22.98 | 51.34 | 1.51 |
| 161 Poughkeepsie | 002 | F01 | 14 | 2. | 18. | 50. | 58. | 97. | 121. | 176. | 176. | 176. | 73. | 45.54 | 53.26 | 2.86 |
| 161 Schenectady | 001 | F01 | 15 | 8. | 8. | 31. | 42. | 65. | 121. | 128. | 128. | 128. | 55. | 41.07 | 39.61 | 2.47 |
| 161 Troy | 002 | F01 | 15 | 2. | 2. | 21. | 26. | 34. | 73. | 97. | 97. | 97. | 34. | 25.83 | 23.12 | 2.86 |
| 162 Akron | 001 | F01 | 15 | 10. | 16. | 21. | 24. | 26. | 42. | 86. | 86. | 86. | 29. | 17.82 | 25.53 | 1.61 |
| 162 Amherst | 002 | F01 | 15 | 2. | 2. | 21. | 34. | 42. | 60. | 92. | 92. | 92. | 34. | 22.41 | 24.66 | 2.79 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **NEW YORK — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 162 Buffalo | 001 | F01 | 15 | 8. | 18. | 24. | 29. | 52. | 94. | 102. | 102. | 102. | 43. | 28.18 | 35.24 | 1.97 |
|  | 001 | P01 | 7 | 37. | 37. | 38. | 45. | 46. | 93. | 93. | 93. | 93. | 51. | 20.53 | 48.50 | 1.41 |
|  | 002 | F01 | 14 | 2. | 5. | 10. | 24. | 50. | 79. | 94. | 94. | 94. | 34. | 31.49 | 19.68 | 3.30 |
|  | 003 | F01 | 11 | 2. | 8. | 21. | 47. | 55. | 157. | 233. | 233. | 233. | 64. | 70.77 | 33.91 | 3.81 |
|  | 007 | F01 | 15 | 13. | 16. | 52. | 65. | 71. | 81. | 102. | 102. | 102. | 58 | 27.30 | 48.65 | 1.98 |
| 162 Cheektowaga | 001 | F01 | 15 | 2. | 8. | 16. | 29. | 42. | 52. | 110. | 110. | 110. | 32 | 26.38 | 22.74 | 2.54 |
| 162 Erie Co | 011 | F01 | 12 | 2. | 2. | 5. | 5. | 26. | 29. | 73. | 73. | 73. | 17. | 20.30 | 9.81 | 3.14 |
| 162 Kenmore | 001 | F01 | 14 | 18. | 21. | 34. | 58. | 63. | 110. | 115. | 115. | 115. | 57. | 30.88 | 49.31 | 1.80 |
| 162 Lackawanna | 001 | F01 | 15 | 8. | 16. | 39. | 50. | 71. | 121. | 144. | 144. | 144. | 60. | 40.67 | 47.06 | 2.18 |
|  | 002 | F01 | 15 | 13. | 13. | 24. | 29. | 47. | 86. | 141. | 141. | 141. | 44. | 34.06 | 35.48 | 1.94 |
| 162 Lewiston | 001 | F01 | 15 | 2. | 5. | 18. | 29. | 47. | 102. | 110. | 110. | 110. | 37. | 32.82 | 24.56 | 2.87 |
|  | 002 | F01 | 15 | 2. | 2. | 16. | 18. | 55. | 68. | 68. | 68. | 68. | 31. | 25.25 | 18.72 | 3.30 |
| 162 Lockport | 001 | F01 | 15 | 2. | 2. | 18. | 29. | 34. | 45. | 115. | 115. | 115. | 31. | 27.27 | 19.61 | 3.19 |
|  | 008 | F01 | 15 | 5. | 8. | 26. | 37. | 55. | 89. | 94. | 94. | 94. | 41. | 26.42 | 31.98 | 2.26 |
|  | 010 | F01 | 15 | 2. | 5. | 10. | 18. | 24. | 73. | 102. | 102. | 102. | 27. | 27.25 | 17.34 | 2.68 |
| 162 Niagara Co | 001 | F01 | 13 | 2. | 10. | 18. | 26. | 42. | 65. | 107. | 107. | 107. | 34. | 27.35 | 24.80 | 2.53 |
|  | 002 | F01 | 15 | 2. | 5. | 21. | 31. | 42. | 65. | 97. | 97. | 97. | 34. | 23.96 | 24.76 | 2.57 |
| 162 Niagara Falls | 001 | F01 | 15 | 2. | 13. | 18. | 37. | 52. | 126. | 215. | 215. | 215. | 55. | 57.66 | 33.44 | 3.04 |
|  | 001 | P01 | 8 | 24. | 24. | 41. | 72. | 101. | 171. | 171. | 171. | 171. | 80. | 51.62 | 65.34 | 2.05 |
|  | 005 | F01 | 15 | 2. | 8. | 34. | 110. | 123. | 144. | 144. | 144. | 144. | 83. | 51.30 | 55.23 | 3.33 |
|  | 006 | F01 | 32 | 2. | 16. | 34. | 58. | 115. | 181. | 267. | 283. | 283. | 88. | 74.00 | 57.20 | 2.95 |
| 162 North Tonawanda | 001 | F01 | 15 | 2. | 5. | 21. | 37. | 68. | 123. | 658. | 658. | 658. | 84. | 162.44 | 34.83 | 3.79 |
|  | 002 | F01 | 14 | 2. | 5. | 13. | 24. | 37. | 52. | 71. | 71. | 71. | 28. | 20.47 | 20.17 | 2.62 |
|  | 005 | F01 | 14 | 2. | 2. | 16. | 18. | 39. | 84. | 92. | 92. | 92. | 34. | 31.93 | 18.17 | 3.76 |
| 162 Sloan | 001 | F01 | 14 | 2. | 13. | 21. | 21. | 37. | 60. | 63. | 63. | 63. | 29. | 17.49 | 23.53 | 2.24 |
| 162 Tonawanda | 002 | F01 | 13 | 2. | 2. | 8. | 24. | 31. | 39. | 55. | 55. | 55. | 22. | 16.20 | 15.13 | 2.84 |
|  | 003 | F01 | 14 | 2. | 5. | 21. | 26. | 34. | 52. | 84. | 84. | 84. | 31. | 20.70 | 23.81 | 2.49 |
| 162 Wheatfield | 001 | F01 | 15 | 2. | 21. | 39. | 60. | 89. | 94. | 102. | 102. | 102. | 59. | 31.09 | 45.67 | 2.58 |
| 163 Binghamton | 005 | F01 | 13 | 5. | 13. | 16. | 31. | 34. | 55. | 86. | 86. | 86. | 33. | 21.99 | 26.46 | 2.10 |
|  | 008 | F01 | 11 | 8. | 18. | 24. | 29. | 34. | 63. | 92. | 92. | 92. | 35. | 23.33 | 29.43 | 1.90 |
| 163 Johnson City | 002 | F01 | 12 | 21. | 24. | 31. | 55. | 84. | 110. | 147. | 147. | 147. | 66. | 39.92 | 55.05 | 1.92 |
| 164 Alfred | 001 | F01 | 13 | 2. | 2. | 5. | 10. | 29. | 50. | 110. | 110. | 110. | 23. | 30.41 | 11.57 | 3.29 |
| 164 Dunkirk | 001 | F01 | 6 | 21. | 21. | 29. | 39. | 55. | 79. | 79. | 79. | 79. | 44. | 20.61 | 39.90 | 1.59 |
| 164 Ellicott | 001 | F01 | 12 | 2. | 5. | 5. | 18. | 39. | 68. | 113. | 113. | 113. | 31. | 33.23 | 17.61 | 3.34 |
| 164 Jamestown | 001 | F01 | 14 | 2. | 2. | 5. | 10. | 29. | 97. | 110. | 110. | 110. | 33. | 40.70 | 13.48 | 4.45 |
|  | 003 | F01 | 13 | 2. | 5. | 10. | 21. | 42. | 55. | 141. | 141. | 141. | 34. | 37.03 | 20.52 | 2.96 |
|  | 004 | F01 | 12 | 2. | 5. | 8. | 10. | 24. | 118. | 139. | 139. | 139. | 34. | 46.31 | 15.98 | 3.54 |
| **NORTH CAROLINA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 136 Ashrboro | 002 | F01 | 13 | 5. | 5. | 5. | 7. | 20. | 23. | 43. | 43. | 43. | 13. | 11.35 | 9.89 | 2.13 |
| 136 Burlington | 001 | F02 | 14 | 5. | 5. | 8. | 20. | 27. | 43. | 55. | 55. | 55. | 21. | 15.89 | 15.80 | 2.35 |
| 136 Eden | 002 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 13. | 21. | 21. | 21. | 7. | 4.83 | 6.34 | 1.61 |
| 136 Forsyth Co | 001 | G01 | 15 | 5. | 5. | 5. | 5. | 5. | 9. | 22. | 22. | 22. | 6. | 4.42 | 5.81 | 1.49 |
|  | 002 | G01 | 14 | 5. | 5. | 5. | 5. | 6. | 13. | 21. | 21. | 21. | 7. | 4.61 | 6.47 | 1.57 |
|  | 003 | G01 | 12 | 5. | 5. | 5. | 5. | 12. | 14. | 18. | 18. | 18. | 8. | 4.66 | 7.34 | 1.66 |
| 136 Graham | 001 | F02 | 13 | 5. | 5. | 5. | 14. | 19. | 40. | 52. | 52. | 52. | 17. | 15.90 | 11.80 | 2.48 |
| 136 Greensboro | 003 | G01 | 10 | 5. | 5. | 14. | 14. | 14. | 27. | 28. | 28. | 28. | 15. | 7.59 | 13.04 | 1.78 |
| 136 High Point | 002 | G02 | 10 | 5. | 5. | 14. | 14. | 14. | 26. | 28. | 28. | 28. | 15. | 7.42 | 12.99 | 1.77 |
| 136 Kernersville | 001 | G01 | 15 | 5. | 5. | 5. | 5. | 5. | 8. | 10. | 10. | 10. | 6. | 1.46 | 5.40 | 1.23 |
| 136 Lexington | 001 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 11. | 28. | 28. | 28. | 7. | 6.42 | 6.29 | 1.67 |
| 136 Mount Airy | 001 | F02 | 9 | 5. | 5. | 5. | 10. | 21. | 49. | 49. | 49. | 49. | 16. | 15.12 | 11.41 | 2.43 |
| 136 Reidsville | 001 | F01 | 13 | 5. | 5. | 5. | 5. | 5. | 25. | 25. | 25. | 25. | 8. | 7.46 | 6.57 | 1.82 |
| 136 Thomasville | 001 | F02 | 13 | 5. | 5. | 5. | 8. | 14. | 29. | 29. | 29. | 29. | 12. | 9.31 | 9.27 | 2.01 |
| 136 Winston-Salem | 002 | G02 | 13 | 5. | 5. | 5. | 6. | 8. | 12. | 13. | 13. | 13. | 7. | 2.83 | 6.79 | 1.43 |
|  | 003 | G02 | 15 | 5. | 5. | 5. | 6. | 12. | 36. | 55. | 55. | 55. | 13. | 14.46 | 9.27 | 2.24 |
|  | 005 | G01 | 14 | 5. | 5. | 5. | 5. | 5. | 13. | 37. | 37. | 37. | 8. | 8.61 | 6.57 | 1.79 |
|  | 006 | G01 | 14 | 5. | 5. | 5. | 5. | 9. | 27. | 50. | 50. | 50. | 11. | 12.73 | 8.16 | 2.11 |
|  | 009 | G02 | 15 | 5. | 5. | 5. | 8. | 13. | 28. | 34. | 34. | 34. | 12. | 9.48 | 9.42 | 2.02 |
|  | 012 | G02 | 15 | 5. | 5. | 5. | 5. | 7. | 21. | 38. | 38. | 38. | 10. | 9.45 | 7.55 | 1.99 |
| 165 Alexander Co | 001 | G01 | 8 | 5. | 5. | 5. | 5. | 5. | 10. | 10. | 10. | 10. | 6. | 1.81 | 5.69 | 1.29 |
| 165 Boone | 001 | F02 | 12 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  | 5 .0 | 1.00 |
| 165 Burke Co | 001 | G03 | 9 | 5. | 5. | 5. | 5. | 5. | 7. | 7. | 7. | 7. | 5. | .71 | 5.30 | 1.13 |
| 165 Forest City | 001 | F01 | 10 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  | 5.00 | 1.00 |
| 165 Hickory | 002 | G01 | 6 | 5. | 5. | 5. | 5. | 5. | 8. | 8. | 8. | 8. | 6. | 1.22 | 5.41 | 1.21 |
| 165 Kings Mountain | 001 | G01 | 15 | 5. | 5. | 5. | 8. | 9. | 11. | 11. | 11. | 11. | 8. | 2.34 | 7.38 | 1.38 |
| 165 Lenoir | 002 | G01 | 9 | 5. | 5. | 5. | 5. | 5. | 13. | 13. | 13. | 13. | 6. | 2.65 | 5.67 | 1.37 |
| 165 Mc Dowell Co | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  | 5.00 | 1.00 |
| 165 Marion | 001 | F01 | 11 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. |  | 5.00 | 1.00 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NORTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | | |
| 165 | Morganton | 002 | G01 | 8 | 5. | 5. | 9. | 9. | 24. | 50. | 50 | 50. | 50. | 20. | 15.24 | 14.92 | 2.21 |
| 165 | Newton | 001 | G01 | 8 | 5. | 5. | 5. | 5. | 5. | 7. | 7. | 7. | 7. | 6. | .93 | 5.44 | 1.17 |
| 165 | Shelby | 002 | G01 | 12 | 5. | 5. | 5. | 6. | 9. | 10. | 10. | 10. | 10. | 7. | 2.02 | 6.82 | 1.33 |
| 165 | Wilkes Co | 001 | F01 | 10 | 5. | 5. | 5. | 5. | 5. | 5. | 8. | 8. | 8. | 5. | .95 | 5.24 | 1.16 |
| 165 | Yancey Co | 002 | F01 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 8. | 8. | 8. | 5. | .83 | 5.18 | 1.14 |
| 166 | Chapel Hill | 003 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 7. | 24. | 24. | 24. | 6. | 4.90 | 5.68 | 1.50 |
| 166 | Chatham Co | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 13. | 14. | 14. | 14. | 6. | 3.02 | 5.89 | 1.43 |
| 166 | Durham | 001 | G01 | 14 | 5. | 5. | 5. | 5. | 16. | 53. | 55. | 55. | 55. | 15. | 17.70 | 9.41 | 2.55 |
| 166 | Henderson | 002 | F01 | 13 | 5. | 5. | 5. | 5. | 6. | 7. | 18. | 18. | 18. | 6. | 3.57 | 5.89 | 1.43 |
| 166 | Raleigh | 002 | F01 | 14 | 5. | 5. | 5. | 10. | 18. | 28. | 30. | 30. | 30. | 13. | 8.92 | 10.44 | 2.05 |
| | | 003 | F01 | 13 | 8. | 5. | 5. | 5. | 11. | 14. | 31. | 31. | 31. | 9. | 7.44 | 7.08 | 1.81 |
| | | 006 | F01 | 10 | 5. | 5. | 5. | 13. | 24. | 39. | 58. | 58. | 58. | 20. | 17.48 | 13.93 | 2.45 |
| 166 | Roanoke Rapids | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 14. | 48. | 48. | 48. | 9. | 11.15 | 6.37 | 1.86 |
| 166 | Rocky Mount | 001 | F01 | 15 | 5. | 5. | 5. | 7. | 8. | 13. | 14. | 14. | 14. | 7. | 3.00 | 6.92 | 1.44 |
| 166 | Roxboro | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 16. | 23. | 50. | 50. | 50. | 12. | 12.18 | 8.57 | 2.12 |
| 166 | Sanford | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 5. | 15. | 16. | 16. | 16. | 7. | 3.87 | 6.39 | 1.54 |
| 166 | Smithfield | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 8. | 16. | 65. | 65. | 65. | 12. | 15.75 | 8.10 | 2.06 |
| 166 | Wilson | 001 | F02 | 10 | 5. | 5. | 5. | 5. | 11. | 14. | 14. | 14. | 14. | 9. | 4.19 | 7.81 | 1.63 |
| 167 | Albemarle | 001 | F01 | 11 | 5. | 5. | 5. | 7. | 11. | 29. | 52. | 52. | 52. | 14. | 15.02 | 9.78 | 2.33 |
| 167 | Belmont | 001 | G02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 6. | 6. | 6. | 5. | .26 | 5.06 | 1.05 |
| 167 | Bessemer City | 006 | G02 | 15 | 5. | 5. | 5. | 5. | 6. | 14. | 16. | 16. | 16. | 7. | 3.54 | 6.29 | 1.49 |
| 167 | Charlotte | 001 | G01 | 15 | 5. | 5. | 6. | 9. | 16. | 27. | 31. | 31. | 31. | 13. | 8.43 | 10.41 | 1.90 |
| | | 004 | G01 | 15 | 5. | 5. | 6. | 15. | 18. | 27. | 30. | 30. | 30. | 14. | 8.08 | 11.57 | 1.92 |
| | | 006 | G01 | 15 | 5. | 5. | 5. | 11. | 14. | 26. | 42. | 42. | 42. | 13. | 10.45 | 10.07 | 2.06 |
| | | 008 | G01 | 15 | 5. | 5. | 5. | 5. | 10. | 15. | 32. | 32. | 32. | 9. | 7.17 | 7.30 | 1.76 |
| | | 009 | G02 | 15 | 5. | 5. | 5. | 9. | 18. | 45. | 47. | 47. | 47. | 15. | 14.03 | 10.93 | 2.27 |
| | | 011 | G01 | 15 | 5. | 5. | 5. | 13. | 17. | 22. | 23. | 23. | 23. | 13. | 7.11 | 10.50 | 1.92 |
| | | 026 | G02 | 15 | 5. | 5. | 5. | 6. | 12. | 17. | 33. | 33. | 33. | 10. | 7.85 | 8.47 | 1.88 |
| 167 | Cherryville | 002 | G01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 167 | Dallas | 003 | G01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 167 | Davidson | 001 | G01 | 15 | 5. | 5. | 5. | 8. | 9. | 19. | 37. | 37. | 37. | 10. | 8.43 | 8.18 | 1.80 |
| 167 | Gastonia | 002 | G02 | 13 | 5. | 5. | 5. | 5. | 5. | 20. | 23. | 23. | 23. | 8. | 6.20 | 6.34 | 1.72 |
| 167 | Iredell Co | 001 | F02 | 13 | 5. | 5. | 5. | 6. | 23. | 37. | 65. | 65. | 65. | 16. | 18.72 | 10.12 | 2.57 |
| 167 | Kannapolis | 004 | F02 | 15 | 5. | 5. | 5. | 15. | 35. | 54. | 152. | 152. | 152. | 28. | 37.84 | 15.56 | 2.95 |
| 167 | Lincolnton | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 9. | 16. | 16. | 16. | 6. | 2.94 | 5.69 | 1.38 |
| | | 002 | F01 | 14 | 5. | 5. | 5. | 5. | 7. | 14. | 34. | 34. | 34. | 9. | 7.92 | 7.19 | 1.79 |
| 167 | Mecklenburg Co | 001 | G01 | 14 | 5. | 5. | 5. | 5. | 7. | 16. | 18. | 18. | 18. | 8. | 4.40 | 6.67 | 1.59 |
| 167 | Monroe | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 7. | 24. | 26. | 26. | 26. | 9. | 7.00 | 7.16 | 1.79 |
| 167 | Mount Holly | 001 | G02 | 15 | 5. | 5. | 5. | 5. | 5. | 10. | 10. | 10. | 10. | 6. | 1.74 | 5.62 | 1.27 |
| 167 | Rowan Co | 005 | G02 | 14 | 5. | 5. | 5. | 5. | 8. | 16. | 18. | 18. | 18. | 8. | 4.52 | 7.24 | 1.61 |
| 167 | Salisbury | 002 | G01 | 11 | 5. | 5. | 6. | 9. | 16. | 19. | 44. | 44. | 44. | 13. | 11.47 | 10.33 | 2.02 |
| 167 | Statesville | 001 | F01 | 13 | 5. | 5. | 5. | 8. | 25. | 42. | 65. | 65. | 65. | 18. | 19.25 | 11.72 | 2.57 |
| 168 | Ahoskie | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Beaufort Co | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Bertie Co | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Edenton | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Elizabeth City | 001 | F01 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Farmville | 001 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Greenville | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Hertford Co | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | | 002 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 19. | 19. | 19. | 6. | 3.61 | 5.47 | 1.41 |
| 168 | Plymouth | 001 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 168 | Washington | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 169 | Dunn | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 8. | 9. | 9. | 9. | 5. | 1.25 | 5.37 | 1.21 |
| 169 | Fayetteville | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 7. | 16. | 16. | 16. | 16. | 7. | 4.02 | 6.47 | 1.55 |
| | | 003 | F02 | 15 | 5. | 5. | 5. | 5. | 10. | 24. | 30. | 30. | 30. | 10. | 7.61 | 7.84 | 1.83 |
| 169 | Laurinburg | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 8. | 17. | 21. | 21. | 21. | 8. | 5.32 | 7.08 | 1.68 |
| 169 | Lumberton | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 6. | 10. | 11. | 11. | 11. | 6. | 2.19 | 5.98 | 1.35 |
| 169 | Rockingham | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 6. | 13. | 16. | 16. | 16. | 7. | 3.33 | 6.10 | 1.45 |
| 169 | Southern Pines | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 14. | 14. | 14. | 6. | 2.32 | 5.36 | 1.30 |
| 170 | Brunswick Co | 003 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 10. | 19. | 19. | 19. | 6. | 3.75 | 5.72 | 1.46 |
| 170 | Columbus Co | 001 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | | 002 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 170 | Craven Co | 001 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 170 | Duplin Co | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 7. | 7. | 7. | 5. | .52 | 5.11 | 1.09 |
| 170 | Goldsboro | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 12. | 12. | 12. | 5. | 1.81 | 5.30 | 1.25 |
| 170 | Jacksonville | 002 | F01 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 170 | Kinston | 001 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 7. | 7. | 7. | 5. | .55 | 5.13 | 1.10 |
| 170 | Morehead City | 001 | F02 | 14 | 5. | 5. | 5. | 5. | 21. | 54. | 91. | 91. | 91. | 20. | 25.24 | 11.43 | 2.89 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NORTH CAROLINA – Cont.** | | | | | | | | | | | | | | | | |
| 170 New Bern | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 170 Wallace | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 8. | 8. | 8. | 5. | .77 | 5.16 | 1.13 |
| 170 Wilmington | 002 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 9. | 19. | 19. | 19. | 6. | 3.66 | 5.94 | 1.45 |
| | 004 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 6. | 6. | 6. | 5. | .27 | 5.07 | 1.05 |
| 171 Asheville | 002 | I01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 003 | I01 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 9. | 9. | 9. | 5. | 1.11 | 5.23 | 1.18 |
| | 004 | I02 | 15 | 5. | 5. | 5. | 5. | 5. | 62. | 195. | 195. | 195. | 23. | 50.07 | 8.56 | 3.20 |
| | 005 | I01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 35. | 35. | 35. | 7. | 7.75 | 5.69 | 1.65 |
| 171 Brevard | 001 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 171 Buncombe Co | 021 | I01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 39. | 39. | 39. | 7. | 8.78 | 5.73 | 1.70 |
| | 023 | I02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 171 Canton | 002 | I02 | 14 | 5. | 5. | 5. | 5. | 61. | 164. | 277. | 277. | 277. | 56. | 81.38 | 18.09 | 4.95 |
| 171 Haywood Co | 006 | I02 | 14 | 5. | 5. | 5. | 5. | 5. | 28. | 71. | 71. | 71. | 11. | 18.23 | 6.83 | 2.26 |
| 171 Hendersonville | 002 | F01 | 1 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | | | |
| | 003 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 171 Jackson Co | 002 | F02 | 2 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | | | |
| 171 Swain Co | 001 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 171 Waynesville | 003 | I01 | 11 | 5. | 5. | 5. | 5. | 44. | 70. | 155. | 155. | 155. | 33. | 47.47 | 13.24 | 3.99 |
| **NORTH DAKOTA** | | | | | | | | | | | | | | | | |
| 130 Fargo | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 172 Bismarck | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| **OHIO** | | | | | | | | | | | | | | | | |
| 079 Cincinnati | 001 | P01 | 8 | 5. | 5. | 9. | 19. | 31. | 49. | 49. | 49. | 49. | 23. | 15.31 | 17.71 | 2.22 |
| | 019 | P01 | 6 | 5. | 5. | 15. | 24. | 37. | 64. | 64. | 64. | 64. | 28. | 20.49 | 21.77 | 2.38 |
| 124 Toledo | 001 | P01 | 7 | 5. | 5. | 13. | 23. | 24. | 33. | 33. | 33. | 33. | 19. | 9.74 | 16.45 | 1.92 |
| 173 Dayton | 001 | P01 | 5 | 5. | 5. | 16. | 54. | 92. | 110. | 110. | 110. | 110. | 55. | 45.87 | 33.74 | 3.69 |
| 174 Akron | 014 | P01 | 7 | 10. | 10. | 81. | 87. | 125. | 160. | 160. | 160. | 160. | 91. | 50.58 | 70.88 | 2.56 |
| 174 Canton | 001 | P01 | 7 | 11. | 11. | 18. | 21. | 29. | 56. | 56. | 56. | 56. | 27. | 15.49 | 23.53 | 1.73 |
| 176 Columbus | 001 | P01 | 7 | 5. | 5. | 18. | 42. | 46. | 51. | 51. | 51. | 51. | 32. | 19.01 | 24.58 | 2.42 |
| 178 Youngstown | 001 | P01 | 6 | 5. | 5. | 10. | 12. | 63. | 82. | 82. | 82. | 82. | 38. | 33.19 | 23.76 | 3.24 |
| 181 Steubenville | 012 | P01 | 8 | 30. | 30. | 52. | 79. | 105. | 120. | 120. | 120. | 120. | 79. | 33.42 | 71.55 | 1.66 |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 022 Idabel | 455 | F01 | 8 | 3. | 3. | 3. | 3. | 8. | 31. | 31. | 31. | 31. | 11. | 12.17 | 6.12 | 2.98 |
| 184 Cherokee Co | 001 | P03 | 8 | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 9. | 4. | 2.34 | 3.26 | 1.65 |
| 184 Edmond | 016 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 184 Midwest City | 006 | F01 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| 184 Oklahoma City | 001 | F02 | 14 | 5. | 5. | 5. | 5. | 5. | 5. | 57. | 57. | 57. | 9. | 13.90 | 5.95 | 1.92 |
| | 002 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 017 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 018 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 021 | F03 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 022 | F02 | 13 | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | 5. | | 5.00 | 1.00 |
| | 022 | P01 | 8 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.59 | 2.84 | 1.44 |
| 186 Bartlesville | 216 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 20. | 43. | 43. | 43. | 7. | 11.33 | 4.11 | 2.52 |
| 186 Dewey | 219 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 186 Muskogee | 166 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 22. | 31. | 31. | 31. | 6. | 8.61 | 3.42 | 2.29 |
| 186 Poteau | 462 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 6. | 35. | 35. | 35. | 5. | 8.63 | 3.42 | 2.10 |
| 186 Rogers Co | 194 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 186 Tulsa | 001 | P01 | 7 | 3. | 3. | 3. | 13. | 13. | 44. | 44. | 44. | 44. | 13. | 14.71 | 7.70 | 3.11 |
| | 112 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 7. | 14. | 14. | 14. | 4. | 3.46 | 3.41 | 1.80 |
| | 131 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | 1.02 | 2.67 | 1.28 |
| 186 Wagoner Co | 165 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 8. | 35. | 35. | 35. | 5. | 9.02 | 3.35 | 2.17 |
| 188 Mc Alester | 410 | F01 | 8 | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 10. | 3. | 2.65 | 2.97 | 1.63 |
| 188 Seminole Co | 331 | F01 | 9 | 3. | 3. | 3. | 3. | 3. | 31. | 31. | 31. | 31. | 6. | 9.50 | 3.31 | 2.31 |
| 188 Wynnewood | 272 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 31. | 31. | 31. | 4. | 7.36 | 2.96 | 1.92 |
| 189 Duncan | 661 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 29. | 32. | 32. | 32. | 8. | 10.80 | 4.06 | 2.73 |
| 189 Lawton | 646 | F01 | 1 | 6. | 6. | 6. | 6. | 6. | 6. | 6. | 6. | 6. | | | | |
| | 650 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| **OREGON** | | | | | | | | | | | | | | | | |
| 190 Klamath Falls | 001 | F01 | 14 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | 13.10 | 1.00 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **OREGON — Cont.** | | | | | | | | | | | | | | | | |
| 191 Pendleton | 001 | F01 | 12 | 13. | 13. | 13. | 13. | 13. | 13. | 14. | 14. | 14. | 13. | .26 | 13.17 | 1.02 |
| 192 Astoria | 001 | F01 | 15 | 13. | 13. | 13. | 13. | 16. | 22. | 35. | 35. | 35. | 16. | 6.06 | 15.52 | 1.34 |
| 193 Corvallis | 001 | F01 | 16 | 13. | 13. | 13. | 13. | 13. | 14. | 35. | 35. | 35. | 15. | 5.46 | 13.99 | 1.28 |
| 193 Eugene | 007 | F01 | 13 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | 13.10 | 1.00 |
| 193 Portland | 001 | P01 | 8 | 13. | 13. | 16. | 18. | 22. | 47. | 47. | 47. | 47. | 22. | 11.17 | 20.48 | 1.54 |
| | 074 | F02 | 15 | 13. | 13. | 13. | 16. | 33. | 69. | 117. | 117. | 117. | 32. | 29.60 | 23.50 | 2.08 |
| 193 Salem | 016 | F01 | 15 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | 13.10 | 1.00 |
| 194 Medford | 001 | F01 | 14 | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | 13. | | 13.10 | 1.00 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Philadelphia | 002 | P01 | 1 | 11. | 11. | 11. | 11. | 11. | 11. | 11. | 11. | 11. | | | | |
| | 004 | P01 | 1 | 18. | 18. | 18. | 18. | 18. | 18. | 18. | 18. | 18. | | | | |
| 045 West Chester | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 151 Allentown | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 151 Reading | 001 | P01 | 1 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | | | | |
| 151 Scranton | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 178 Erie | 002 | P01 | 1 | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | | | | |
| 196 Lancaster City | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 196 York | 001 | P01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | | | |
| 197 Pittsburgh | 001 | P01 | 1 | 22. | 22. | 22. | 22. | 22. | 22. | 22. | 22. | 22. | | | | |
| **PUERTO RICO** | | | | | | | | | | | | | | | | |
| 244 Bayamon | 003 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 13. | 30. | 30. | 30. | 6. | 8.30 | 3.99 | 2.40 |
| 244 Catano | 004 | F01 | 8 | 3. | 3. | 3. | 3. | 3. | 22. | 22. | 22. | 22. | 7. | 7.80 | 4.14 | 2.55 |
| 244 Guayanilla Co | 001 | F01 | 13 | 3. | 3. | 3. | 5. | 10. | 28. | 42. | 42. | 42. | 10. | 12.12 | 5.98 | 2.74 |
| | 002 | P01 | 8 | 3. | 3. | 3. | 3. | 16. | 43. | 43. | 43. | 43. | 14. | 16.40 | 7.37 | 3.49 |
| | 003 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 16. | 16. | 16. | 16. | 4. | 5.10 | 3.26 | 2.02 |
| 244 Guaynabo Co | 001 | F01 | 14 | 3. | 3. | 3. | 18. | 31. | 68. | 76. | 76. | 76. | 24. | 24.52 | 11.35 | 4.09 |
| 244 Penuelas | 002 | F01 | 5 | 3. | 8. | 7860. | 7860. | 7860. | 7860. | 7860. | 7860. | 7860. | 3150. | 299.90 | 117.34 | 49.49 |
| 244 Ponce | 002 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 5. | 5. | 5. | 5. | 3. | .94 | 2.76 | 1.30 |
| | 002 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 20. | 20. | 20. | 20. | 7. | 7.46 | 4.35 | 2.58 |
| 244 Sabana Seca | 001 | F01 | 4 | 3. | 3. | 3. | 3. | 10. | 30. | 30. | 30. | 30. | | | | |
| | 001 | P01 | 7 | 3. | 3. | 7. | 9. | 14. | 40. | 40. | 40. | 40. | 13. | 12.98 | 8.62 | 2.74 |
| 244 San Juan Co | 001 | F01 | 5 | 3. | 3. | 3. | 9. | 22. | 22. | 22. | 22. | 22. | 12. | 9.86 | 7.71 | 2.98 |
| | 001 | P01 | 7 | 3. | 3. | 3. | 3. | 8. | 14. | 14. | 14. | 14. | 6. | 4.86 | 4.67 | 2.21 |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | |
| 120 Bristol | 001 | F01 | 13 | 12. | 13. | 27. | 38. | 61. | 84. | 90. | 90. | 90. | 44. | 25.51 | 36.76 | 1.90 |
| 120 Burrillville | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 6. | 9. | 9. | 9. | 9. | 4. | 2.70 | 3.63 | 1.75 |
| 120 Cranston | 001 | F01 | 12 | 3. | 9. | 11. | 15. | 24. | 43. | 62. | 62. | 62. | 21. | 16.80 | 15.94 | 2.31 |
| | 002 | F01 | 13 | 3. | 6. | 14. | 38. | 47. | 65. | 110. | 110. | 110. | 37. | 30.02 | 24.35 | 2.95 |
| 120 East Providence | 003 | F01 | 12 | 3. | 6. | 9. | 18. | 29. | 54. | 88. | 88. | 88. | 26. | 24.82 | 17.13 | 2.70 |
| | 004 | F01 | 11 | 3. | 3. | 15. | 19. | 31. | 38. | 77. | 77. | 77. | 25. | 20.82 | 16.54 | 2.89 |
| | 005 | F01 | 12 | 13. | 16. | 22. | 24. | 44. | 63. | 69. | 69. | 69. | 33. | 18.65 | 28.34 | 1.72 |
| 120 Narragansett | 002 | F01 | 12 | 3. | 3. | 10. | 12. | 24. | 40. | 43. | 43. | 43. | 17. | 13.76 | 11.77 | 2.83 |
| 120 Newport | 001 | F01 | 13 | 6. | 10. | 29. | 33. | 35. | 69. | 75. | 75. | 75. | 35. | 20.72 | 28.80 | 2.06 |
| 120 North Kingstown | 002 | F01 | 10 | 3. | 3. | 3. | 5. | 9. | 12. | 20. | 20. | 20. | 7. | 5.76 | 5.55 | 2.19 |
| 120 Pawtucket | 002 | F01 | 13 | 3. | 3. | 3. | 6. | 13. | 29. | 35. | 35. | 35. | 10. | 10.74 | 6.65 | 2.65 |
| 120 Providence | 001 | F01 | 6 | 9. | 9. | 15. | 23. | 52. | 87. | 87. | 87. | 87. | 40. | 29.57 | 30.01 | 2.37 |
| | 005 | F01 | 14 | 3. | 6. | 22. | 38. | 54. | 127. | 172. | 172. | 172. | 55. | 52.14 | 32.37 | 3.38 |
| | 006 | F01 | 10 | 9. | 9. | 16. | 52. | 61. | 79. | 86. | 86. | 86. | 47. | 27.99 | 37.14 | 2.26 |
| | 007 | F01 | 15 | 43. | 45. | 65. | 74. | 80. | 113. | 156. | 156. | 156. | 79. | 28.41 | 74.48 | 1.40 |
| | 008 | F01 | 10 | 3. | 3. | 22. | 35. | 51. | 99. | 144. | 144. | 144. | 51. | 45.19 | 28.02 | 4.09 |
| | 012 | F05 | 6 | 20. | 20. | 24. | 40. | 68. | 89. | 89. | 89. | 89. | | | | |
| 120 Tiverton | 001 | F01 | 13 | 9. | 9. | 22. | 23. | 41. | 54. | 90. | 90. | 90. | 32. | 22.04 | 26.26 | 1.95 |
| 120 Warwick | 002 | F01 | 15 | 3. | 3. | 3. | 10. | 12. | 22. | 40. | 40. | 40. | 11. | 10.06 | 7.35 | 2.49 |
| 120 Washington Co | 002 | F03 | 6 | 8. | 8. | 9. | 9. | 12. | 23. | 23. | 23. | 23. | 12. | 5.64 | 11.02 | 1.47 |
| 120 Westerly | 002 | F01 | 13 | 3. | 3. | 3. | 8. | 12. | 18. | 19. | 19. | 19. | 9. | 6.35 | 6.42 | 2.32 |
| 120 Woonsocket | 001 | F01 | 15 | 3. | 15. | 18. | 28. | 85. | 109. | 115. | 115. | 115. | 53. | 40.93 | 35.16 | 2.96 |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 053 Aiken | 001 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 053 Aiken Co | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 42. | 68. | 68. | 68. | 13. | 20.43 | 5.11 | 3.47 |
| 053 North Augusta | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 1.74 | 2.74 | 1.41 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **SOUTH CAROLINA—Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 053 Orangeburg | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 1.74 | 2.74 | 1.41 |
| 058 Beaufort | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 058 Beaufort Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 058 Jasper Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 3. | 1.42 | 2.70 | 1.35 |
| 167 Lancaster | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 1.80 | 2.76 | 1.43 |
| 167 Rock Hill | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 11. | 271. | 271. | 271. | 21. | 69.20 | 3.77 | 3.46 |
|  | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 5. | 13. | 13. | 13. | 3. | 2.74 | 2.92 | 1.57 |
| 167 York | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 18. | 18. | 18. | 4. | 4.00 | 2.85 | 1.66 |
| 167 York Co | 001 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 12. | 12. | 12. | 3. | 2.45 | 2.78 | 1.50 |
| 198 Camden | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 6. | 16. | 16. | 16. | 4. | 3.79 | 3.08 | 1.73 |
| 198 Sumter | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 5. | 14. | 14. | 14. | 4. | 3.09 | 2.97 | 1.62 |
|  | 003 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 5. | 12. | 12. | 12. | 3. | 2.49 | 2.91 | 1.54 |
| 199 Berkeley Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 9. | 22. | 22. | 22. | 4. | 5.19 | 3.15 | 1.88 |
| 199 Charleston | 001 | G01 | 9 | 3. | 3. | 3. | 3. | 3. | 28. | 28. | 28. | 28. | 8. | 11.03 | 4.26 | 2.88 |
| 199 Charleston Co | 003 | F02 | 13 | 3. | 3. | 3. | 3. | 3. | 23. | 45. | 45. | 45. | 7. | 12.65 | 3.70 | 2.64 |
|  | 010 | F01 | 8 | 3. | 3. | 3. | 3. | 3. | 19. | 19. | 19. | 19. | 5. | 5.83 | 3.22 | 2.05 |
|  | 037 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 20. | 20. | 20. | 20. | 5. | 6.13 | 3.50 | 2.10 |
|  | 038 | F01 | 14 | 3. | 3. | 3. | 3. | 5. | 10. | 31. | 31. | 31. | 6. | 7.63 | 4.06 | 2.18 |
| 199 Mount Pleasant | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 135. | 135. | 135. | 12. | 35.41 | 3.32 | 2.90 |
| 200 Columbia | 003 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 3. | 1.94 | 2.74 | 1.43 |
|  | 006 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 16. | 21. | 21. | 21. | 5. | 5.74 | 3.76 | 2.12 |
| 200 Newberry | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 13. | 221. | 221. | 221. | 20. | 60.43 | 4.01 | 3.63 |
| 200 Richland Co | 002 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 8. | 15. | 15. | 15. | 4. | 3.43 | 3.04 | 1.70 |
|  | 003 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 35. | 35. | 35. | 5. | 8.38 | 3.16 | 2.02 |
| 200 West Columbia | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | .94 | 2.66 | 1.26 |
| 201 Florence | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 3. | 1.06 | 2.71 | 1.30 |
| 202 Anderson | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 9. | 13. | 16. | 16. | 16. | 6. | 4.74 | 4.45 | 2.13 |
| 202 Anderson Co | 001 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 3. | 1.16 | 2.68 | 1.30 |
| 202 Greenville | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 8. | 16. | 19. | 19. | 19. | 7. | 5.45 | 4.90 | 2.16 |
|  | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 6. | 15. | 18. | 18. | 18. | 6. | 5.00 | 4.64 | 2.06 |
| 202 Greenville Co | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 3. | 1.63 | 2.86 | 1.44 |
|  | 003 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 3. | 1.69 | 3.00 | 1.47 |
| 202 Greer | 001 | F01 | 15 | 3. | 3. | 3. | 7. | 12. | 14. | 16. | 16. | 16. | 8. | 5.36 | 5.67 | 2.27 |
| 202 Pickens | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 8. | 168. | 168. | 168. | 14. | 42.65 | 3.58 | 3.02 |
| 202 Simpsonville | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 1.74 | 2.74 | 1.41 |
| 202 Spartanburg | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.58 | 2.87 | 1.44 |
|  | 006 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 11. | 11. | 11. | 3. | 2.27 | 2.78 | 1.49 |
| 202 Spartanburg Co | 002 | F03 | 15 | 3. | 3. | 3. | 3. | 3. | 5. | 6. | 6. | 6. | 3. | 1.07 | 2.78 | 1.32 |
|  | 004 | F01 | 15 | 3. | 3. | 3. | 3. | 6. | 30. | 59. | 59. | 59. | 10. | 15.75 | 4.69 | 2.90 |
| 202 Woodruff | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 7. | 22. | 22. | 22. | 5. | 5.08 | 3.48 | 1.89 |
| 203 Greenwood | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 203 Laurens | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 8. | 3. | 1.63 | 2.86 | 1.44 |
| 204 Conway | 006 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 3. | 2.37 | 2.87 | 1.55 |
| 204 Georgetown | 001 | F01 | 11 | 3. | 3. | 3. | 3. | 5. | 14. | 38. | 38. | 38. | 8. | 10.75 | 4.48 | 2.55 |
|  | 006 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 21. | 21. | 21. | 4. | 5.58 | 3.03 | 1.90 |
| **SOUTH DAKOTA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 087 Sioux Falls | 002 | F01 | 5 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
|  | 003 | F01 | 2 | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 6. | 6. |  |  |  |  |
| 205 Black Hills Nat Forest | 001 | P03 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 205 Rapid City | 001 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. | 3. | 1.97 | 2.94 | 1.53 |
|  | 002 | F01 | 9 | 3. | 3. | 3. | 3. | 5. | 8. | 8. | 8. | 8. | 4. | 1.89 | 3.32 | 1.55 |
| 206 Pierre | 001 | F01 | 7 | 3. | 3. | 6. | 6. | 8. | 33. | 33. | 33. | 33. | 12. | 11.27 | 8.17 | 2.44 |
| **TENNESSEE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 007 Marion Co | 001 | F01 | 12 | 2. | 2. | 2. | 2. | 18. | 21. | 37. | 37. | 37. | 10. | 11.44 | 5.58 | 2.97 |
| 007 Nashville | 004 | G01 | 15 | 3. | 3. | 3. | 5. | 8. | 18. | 39. | 39. | 39. | 8. | 9.60 | 5.24 | 2.36 |
| 007 Tullahoma | 002 | F01 | 15 | 2. | 2. | 2. | 2. | 10. | 16. | 26. | 26. | 26. | 7. | 6.98 | 4.39 | 2.36 |
| 018 Memphis | 018 | G01 | 12 | 3. | 3. | 14. | 17. | 27. | 36. | 51. | 51. | 51. | 21. | 13.87 | 15.45 | 2.57 |
|  | 021 | G01 | 14 | 3. | 3. | 7. | 11. | 21. | 31. | 35. | 35. | 35. | 15. | 11.22 | 10.01 | 2.75 |
|  | 022 | G01 | 14 | 3. | 3. | 3. | 3. | 34. | 39. | 46. | 46. | 46. | 16. | 17.18 | 7.59 | 3.60 |
|  | 023 | G01 | 12 | 3. | 3. | 12. | 24. | 40. | 69. | 136. | 136. | 136. | 35. | 37.58 | 18.54 | 3.85 |
| 018 Shelby Co | 002 | G01 | 14 | 3. | 3. | 13. | 19. | 24. | 36. | 56. | 56. | 56. | 22. | 14.54 | 16.34 | 2.49 |
| 055 Chattanooga | 006 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 45. | 46. | 46. | 46. | 18. | 12.25 | 15.84 | 1.64 |
|  | 015 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |

# SULFUR DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **TENNESSEE — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 017 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |
|  | 019 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |
|  | 020 | G01 | 14 | 12. | 12. | 12. | 12. | 12. | 50. | 60. | 60. | 60. | 22. | 16.93 | 18.15 | 1.86 |
|  | 021 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |
|  | 024 | G01 | 90 | 12. | 12. | 12. | 12. | 12. | 12. | 40. | 74. | 74. | 15. | 9.75 | 13.79 | 1.42 |
| 055 East Ridge | 001 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |
| 055 Hamilton Co | 002 | G01 | 15 | 12. | 12. | 12. | 12. | 12. | 12. | 34. | 34. | 34. | 14. | 5.55 | 13.36 | 1.29 |
| 055 Red Bank | 003 | G01 | 10 | 12. | 12. | 12. | 12. | 12. | 12. | 28. | 28. | 28. | 14. | 4.90 | 13.55 | 1.29 |
| 055 Signal Mountain | 001 | G01 | 12 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. |  | 12.50 | 1.00 |
| 120 Nashville | 006 | G01 | 15 | 3. | 3. | 6. | 10. | 20. | 36. | 92. | 92. | 92. | 17. | 22.85 | 9.81 | 3.00 |
|  | 016 | G01 | 15 | 3. | 3. | 3. | 3. | 7. | 18. | 31. | 31. | 31. | 7. | 7.92 | 4.81 | 2.31 |
|  | 017 | G01 | 15 | 3. | 3. | 3. | 5. | 11. | 33. | 34. | 34. | 34. | 11. | 11.29 | 6.50 | 2.83 |
| 207 Bristol | 003 | F01 | 13 | 2. | 8. | 10. | 21. | 39. | 43. | 43. | 43. | 43. | 24. | 15.06 | 18.09 | 2.37 |
| 207 Clinton | 002 | F01 | 15 | 2. | 2. | 10. | 18. | 26. | 31. | 31. | 31. | 31. | 18. | 10.20 | 13.74 | 2.32 |
| 207 Johnson City | 002 | F01 | 13 | 8. | 8. | 18. | 24. | 29. | 37. | 42. | 42. | 42. | 24. | 10.53 | 21.45 | 1.70 |
| 207 Knox Co | 012 | G01 | 8 | 3. | 3. | 3. | 3. | 6. | 12. | 12. | 12. | 12. | 5. | 3.52 | 3.89 | 1.90 |
|  | 013 | G01 | 12 | 7. | 8. | 9. | 12. | 13. | 25. | 26. | 26. | 26. | 14. | 6.16 | 12.46 | 1.50 |
| 207 Knoxville | 003 | G01 | 11 | 15. | 16. | 17. | 18. | 22. | 24. | 25. | 25. | 25. | 19. | 3.59 | 19.13 | 1.20 |
|  | 005 | G01 | 11 | 7. | 8. | 11. | 17. | 22. | 26. | 26. | 26. | 26. | 17. | 7.30 | 15.76 | 1.62 |
|  | 006 | G01 | 10 | 8. | 8. | 10. | 11. | 14. | 21. | 27. | 27. | 27. | 14. | 5.72 | 13.05 | 1.44 |
|  | 007 | G01 | 10 | 3. | 3. | 6. | 11. | 13. | 24. | 44. | 44. | 44. | 14. | 12.33 | 9.94 | 2.46 |
|  | 008 | G01 | 12 | 3. | 7. | 10. | 12. | 24. | 25. | 27. | 27. | 27. | 16. | 7.99 | 13.23 | 1.98 |
| 207 Morristown | 002 | F01 | 15 | 2. | 2. | 2. | 10. | 13. | 50. | 65. | 65. | 65. | 15. | 18.66 | 7.82 | 3.12 |
| 207 Rockwood | 002 | F01 | 16 | 2. | 2. | 10. | 13. | 26. | 58. | 63. | 63. | 63. | 22. | 18.39 | 14.27 | 2.84 |
| 208 Columbia | 001 | F01 | 15 | 2. | 2. | 2. | 2. | 10. | 21. | 26. | 26. | 26. | 8. | 8.36 | 5.23 | 2.64 |
| 208 Nashville | 002 | G01 | 15 | 3. | 3. | 3. | 8. | 13. | 30. | 51. | 51. | 51. | 12. | 13.22 | 7.54 | 2.67 |
|  | 003 | G01 | 15 | 3. | 3. | 3. | 7. | 11. | 45. | 51. | 51. | 51. | 12. | 15.14 | 6.96 | 2.68 |
|  | 005 | G01 | 14 | 3. | 3. | 3. | 5. | 7. | 27. | 28. | 28. | 28. | 10. | 9.99 | 6.17 | 2.66 |
|  | 007 | G01 | 15 | 3. | 3. | 3. | 5. | 13. | 20. | 22. | 22. | 22. | 8. | 7.15 | 5.75 | 2.45 |
|  | 008 | G01 | 15 | 3. | 3. | 6. | 7. | 9. | 39. | 272. | 272. | 272. | 27. | 68.41 | 8.70 | 3.48 |
|  | 010 | G01 | 15 | 3. | 3. | 3. | 7. | 12. | 102. | 221. | 221. | 221. | 28. | 59.01 | 8.37 | 4.03 |
|  | 011 | G01 | 15 | 3. | 3. | 3. | 9. | 10. | 113. | 197. | 197. | 197. | 26. | 54.71 | 8.23 | 3.89 |
|  | 012 | G01 | 13 | 3. | 3. | 3. | 3. | 8. | 11. | 31. | 31. | 31. | 7. | 7.87 | 4.84 | 2.29 |
|  | 015 | G01 | 15 | 3. | 3. | 3. | 3. | 10. | 33. | 70. | 70. | 70. | 12. | 18.07 | 5.82 | 2.96 |
|  | 018 | G01 | 13 | 3. | 3. | 3. | 3. | 8. | 18. | 21. | 21. | 21. | 6. | 6.36 | 4.11 | 2.26 |
|  | 019 | G01 | 14 | 3. | 3. | 3. | 6. | 10. | 31. | 38. | 38. | 38. | 10. | 10.91 | 6.89 | 2.55 |
|  | 020 | G01 | 15 | 3. | 3. | 8. | 10. | 12. | 22. | 74. | 74. | 74. | 14. | 17.47 | 9.04 | 2.43 |
| 208 Sumner Co | 007 | F01 | 14 | 2. | 2. | 2. | 2. | 2. | 18. | 45. | 45. | 45. | 9. | 12.11 | 4.64 | 2.85 |
| 209 Camden | 001 | F01 | 13 | 2. | 2. | 2. | 2. | 5. | 37. | 47. | 47. | 47. | 11. | 15.99 | 4.94 | 3.26 |
| **TEXAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 022 Mount Pleasant | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 022 Texarkana | 001 | F01 | 9 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 022 Tyler | 002 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 106 Beaumont | 001 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.78 | 2.91 | 1.49 |
| 106 Nederland | 003 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 23. | 76. | 76. | 76. | 10. | 20.70 | 3.86 | 2.96 |
| 106 West Orange | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 16. | 16. | 16. | 4. | 3.74 | 2.88 | 1.67 |
| 153 El Paso | 002 | F01 | 16 | 3. | 3. | 3. | 3. | 3. | 3. | 11. | 11. | 11. | 3. | 2.12 | 2.74 | 1.45 |
|  | 002 | P01 | 6 | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 6. | 3. | 1.55 | 2.92 | 1.46 |
|  | 027 | F01 | 12 | 3. | 3. | 3. | 3. | 28. | 64. | 73. | 73. | 73. | 22. | 26.22 | 9.44 | 4.28 |
|  | 028 | F01 | 13 | 3. | 3. | 3. | 19. | 66. | 82. | 103. | 103. | 103. | 35. | 36.87 | 13.52 | 5.32 |
| 210 Wichita Falls | 002 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 002 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 6. | 6. | 6. | 6. | 3. | 1.29 | 2.83 | 1.38 |
| 211 Amarillo | 002 | P01 | 2 | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 9. | 9. |  |  |  |  |
| 211 Lubbock | 001 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 001 | P01 | 8 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.56 | 2.84 | 1.43 |
| 212 Austin | 010 | P01 | 6 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. | 3. | 2.33 | 3.05 | 1.62 |
|  | 0[illegible]2 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 3. | 2.06 | 2.84 | 1.50 |
| 214 Corpus Christi | 001 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 9. | 9. | 9. | 9. | 3. | 2.34 | 2.99 | 1.60 |
|  | 019 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 48. | 48. | 48. | 6. | 13.13 | 3.20 | 2.35 |
| 215 Dallas | 002 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.70 | 2.90 | 1.48 |
|  | 045 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 20. | 20. | 20. | 4. | 4.85 | 2.93 | 1.78 |
| 215 Fort Worth | 001 | P01 | 6 | 3. | 3. | 3. | 3. | 6. | 7. | 7. | 7. | 7. | 4. | 2.10 | 3.43 | 1.64 |
| 216 Alvin | 001 | F01 | 5 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 216 Clute City | 003 | F01 | 8 | 3. | 3. | 3. | 3. | 3. | 48. | 48. | 48. | 48. | 8. | 16.09 | 3.62 | 2.84 |
| 216 Harris Co | 003 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 16. | 16. | 16. | 4. | 4.07 | 2.96 | 1.75 |
|  | 004 | F02 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 024 | F01 | 7 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours
### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TEXAS — Cont.** | | | | | | | | | | | | | | | | |
| 216 Houston | 001 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 8. | 8. | 3. | 2.04 | 2.95 | 1.54 |
| | 034 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 21. | 23. | 23. | 23. | 6. | 8.24 | 3.86 | 2.50 |
| 216 Matagorda Co | 001 | P03 | 7 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.81 | 2.91 | 1.50 |
| 216 Pasadena | 002 | P01 | 3 | 3. | 3. | 3. | 8. | 32. | 32. | 32. | 32. | 32. | | | | |
| | 006 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 216 Texas City | 002 | F01 | 7 | 3. | 3. | 3. | 3. | 14. | 38. | 38. | 38. | 38. | 13. | 14.85 | 6.69 | 3.54 |
| 217 San Antonio | 035 | P01 | 7 | 3. | 3. | 3. | 3. | 3. | 11. | 11. | 11. | 11. | 4. | 3.31 | 3.43 | 1.80 |
| | 036 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 218 Big Spring | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 218 Odessa | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 28. | 28. | 28. | 4. | 6.58 | 2.94 | 1.87 |
| 218 San Angelo | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 218 Tom Green Co | 001 | P03 | 3 | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 7. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Magna | 901 | A05 | 81 | 3. | 12. | 95. | 248. | 387. | 1651. | 2883. | 6129. | 6129. | 587. | 978.86 | 178.01 | 6.08 |
| | 902 | A05 | 76 | 3. | 5. | 96. | 166. | 287. | 587. | 847. | 1503. | 1503. | 243. | 270.99 | 95.38 | 6.01 |
| | 903 | A05 | 80 | 3. | 3. | 34. | 76. | 157. | 405. | 539. | 888. | 888. | 157. | 191.13 | 61.11 | 5.36 |
| 220 Salt Lake City | 001 | P01 | 13 | 3. | 3. | 3. | 7. | 15. | 49. | 50. | 50. | 50. | 14. | 17.27 | 7.50 | 3.11 |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 012 | H01 | 14 | 2. | 2. | 2. | 26. | 26. | 26. | 52. | 52. | 52. | 18. | 15.44 | 10.04 | 3.55 |
| | 013 | G01 | 13 | 3. | 3. | 3. | 6. | 35. | 44. | 54. | 54. | 54. | 17. | 19.11 | 8.26 | 3.65 |
| 047 Arlington Co | 003 | G02 | 13 | 2. | 2. | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 14. | 16.15 | 6.49 | 3.58 |
| | 012 | G01 | 4 | 26. | 26. | 26. | 26. | 52. | 52. | 52. | 52. | 52. | | | | |
| 047 Bailey's Crossroads | 007 | G01 | 14 | 3. | 3. | 3. | 12. | 28. | 44. | 51. | 51. | 51. | 19. | 17.93 | 10.73 | 3.45 |
| 047 Fairfax Co | 005 | G01 | 14 | 3. | 3. | 3. | 3. | 7. | 13. | 44. | 44. | 44. | 8. | 11.04 | 5.13 | 2.47 |
| | 015 | G01 | 14 | 3. | 3. | 3. | 9. | 25. | 52. | 60. | 60. | 60. | 21. | 22.22 | 10.14 | 3.90 |
| 047 Falls Church | 001 | F01 | 11 | 2. | 2. | 2. | 26. | 52. | 79. | 79. | 79. | 79. | 37. | 32.65 | 17.04 | 4.82 |
| 047 Fort Belvoir | 001 | G01 | 14 | 3. | 3. | 3. | 8. | 11. | 50. | 80. | 80. | 80. | 16. | 22.56 | 8.26 | 3.20 |
| 047 Manassas | 001 | F01 | 11 | 2. | 2. | 2. | 26. | 26. | 26. | 52. | 52. | 52. | 18. | 16.50 | 9.57 | 3.69 |
| 047 Prince William Co | 006 | F01 | 14 | 2. | 2. | 2. | 26. | 26. | 26. | 52. | 52. | 52. | 20. | 14.91 | 11.88 | 3.39 |
| 047 Reston | 001 | G01 | 13 | 3. | 3. | 3. | 6. | 9. | 22. | 31. | 31. | 31. | 8. | 8.77 | 5.60 | 2.45 |
| 047 Springfield | 002 | G01 | 15 | 3. | 3. | 3. | 10. | 15. | 46. | 46. | 46. | 46. | 15. | 16.11 | 8.88 | 3.04 |
| 047 Vienna | 002 | G01 | 13 | 3. | 3. | 3. | 13. | 21. | 35. | 43. | 43. | 43. | 16. | 13.22 | 10.12 | 2.88 |
| 047 West Springfield | 001 | G01 | 13 | 3. | 3. | 3. | 8. | 12. | 16. | 37. | 37. | 37. | 9. | 9.61 | 5.91 | 2.50 |
| 047 Woodbridge-Marumsco | 001 | F01 | 12 | 2. | 2. | 26. | 26. | 26. | 52. | 79. | 79. | 79. | 31. | 21.25 | 21.77 | 2.95 |
| 207 Bluefield | 005 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 7. | 9.82 | 3.99 | 2.65 |
| 207 Galax | 006 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 7. | 9.82 | 3.99 | 2.65 |
| 207 Richlands | 001 | F02 | 14 | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 26. | 11. | 11.79 | 5.77 | 3.22 |
| 207 Russell Co | 001 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 8. | 10.10 | 4.12 | 2.72 |
| 207 Saltville | 006 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 2. | | 2.49 | 1.00 |
| 207 Wise Co | 002 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 8. | 10.10 | 4.12 | 2.72 |
| | 003 | F02 | 13 | 2. | 2. | 26. | 26. | 26. | 52. | 79. | 79. | 79. | 27. | 20.64 | 17.47 | 3.19 |
| 222 Appomattox Co | 002 | F02 | 8 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 222 Bedford | 001 | F01 | 9 | 2. | 2. | 3. | 3. | 3. | 52. | 52. | 52. | 52. | 11. | 17.50 | 4.55 | 3.33 |
| | 008 | F02 | 6 | 26. | 26. | 52. | 52. | 52. | 79. | 79. | 79. | 79. | | | | |
| 222 Buckingham Co | 009 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 7. | 9.82 | 3.99 | 2.65 |
| 222 Danville | 006 | F02 | 14 | 2. | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 52. | 23. | 19.13 | 13.11 | 3.72 |
| | 007 | F02 | 13 | 2. | 2. | 2. | 26. | 26. | 105. | 157. | 157. | 157. | 31. | 46.87 | 11.29 | 4.75 |
| 222 Henry Co | 003 | F02 | 15 | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 26. | 9. | 10.85 | 4.66 | 2.94 |
| 222 Lynchburg | 003 | F01 | 15 | 2. | 2. | 26. | 26. | 26. | 26. | 26. | 26. | 26. | 21. | 9.82 | 16.36 | 2.65 |
| 222 Martinsville | 005 | F01 | 15 | 2. | 2. | 2. | 2. | 26. | 52. | 52. | 52. | 52. | 17. | 20.54 | 7.33 | 4.01 |
| 222 South Hill | 001 | F01 | 15 | 2. | 2. | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 14. | 15.61 | 6.68 | 3.54 |
| 223 Chesapeake | 001 | F02 | 15 | 2. | 2. | 26. | 26. | 26. | 79. | 105. | 105. | 105. | 32. | 27.78 | 20.22 | 3.23 |
| | 005 | F02 | 14 | 2. | 2. | 26. | 26. | 52. | 131. | 288. | 288. | 288. | 60. | 74.66 | 28.59 | 4.42 |
| | 006 | F01 | 15 | 2. | 26. | 26. | 52. | 52. | 105. | 183. | 183. | 183. | 60. | 44.57 | 43.55 | 2.66 |
| 223 Franklin | 003 | F01 | 12 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 223 Newport News | 004 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 26. | 52. | 52. | 52. | 10. | 15.51 | 4.53 | 3.14 |
| 223 Norfolk | 007 | F01 | 13 | 2. | 2. | 26. | 52. | 52. | 79. | 105. | 105. | 105. | 45. | 28.44 | 30.41 | 3.27 |
| | 010 | F01 | 15 | 2. | 26. | 26. | 52. | 79. | 105. | 157. | 157. | 157. | 63. | 41.52 | 46.38 | 2.71 |
| | 014 | F01 | 13 | 3. | 3. | 3. | 3. | 3. | 105. | 131. | 131. | 131. | 22. | 43.36 | 5.41 | 4.53 |
| 223 Portsmouth | 001 | P01 | 1 | 8. | 8. | 8. | 8. | 8. | 8. | 8. | 8. | 8. | | | | |
| | 005 | F01 | 13 | 3. | 3. | 3. | 3. | 26. | 52. | 105. | 105. | 105. | 20. | 31.73 | 6.38 | 4.43 |
| 223 Suffolk | 003 | F02 | 15 | 2. | 2. | 2. | 2. | 5. | 26. | 105. | 105. | 105. | 14. | 26.85 | 5.37 | 3.53 |
| 223 Virginia Beach | 005 | F02 | 15 | 2. | 2. | 26. | 26. | 26. | 52. | 52. | 52. | 52. | 23. | 15.82 | 15.34 | 3.19 |
| 224 Fredericksburg | 002 | F01 | 12 | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 52. | 52. | 31. | 20.93 | 19.42 | 3.59 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGINIA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 225 Charlottesville | 002 | F01 | 15 | 2. | 2. | 2. | 2. | 2. | 2. | 26. | 26. | 26. | 4. | 6.12 | 2.91 | 1.84 |
| 225 Chesterfield Co | 002 | F02 | 15 | 2. | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 52. | 24. | 18.45 | 13.73 | 3.59 |
| 225 Henrico Co | 002 | F01 | 15 | 2. | 2. | 2. | 26. | 26. | 131. | 157. | 157. | 157. | 36. | 46.50 | 15.71 | 4.33 |
|  | 007 | F02 | 14 | 2. | 2. | 26. | 26. | 52. | 52. | 105. | 105. | 105. | 34. | 27.33 | 21.29 | 3.44 |
|  | 008 | F02 | 13 | 2. | 2. | 2. | 26. | 26. | 26. | 52. | 52. | 52. | 17. | 15.87 | 9.32 | 3.62 |
| 225 Hopewell | 002 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 26. | 52. | 52. | 52. | 9. | 15.04 | 4.33 | 3.04 |
| 225 Petersburg | 002 | F01 | 15 | 2. | 2. | 26. | 26. | 26. | 52. | 157. | 157. | 157. | 34. | 38.35 | 18.10 | 3.78 |
| 225 Prince George Co | 001 | F02 | 15 | 2. | 2. | 2. | 2. | 26. | 26. | 52. | 52. | 52. | 15. | 15.59 | 7.82 | 3.59 |
| 225 Richmond | 002 | H01 | 85 | 2. | 26. | 37. | 47. | 60. | 97. | 123. | 393. | 393. | 57. | 48.92 | 47.01 | 1.88 |
|  | 013 | H01 | 15 | 5. | 8. | 16. | 26. | 37. | 68. | 76. | 76. | 76. | 30. | 21.67 | 23.20 | 2.20 |
|  | 014 | H01 | 15 | 8. | 24. | 34. | 65. | 94. | 136. | 307. | 307. | 307. | 78. | 73.45 | 55.53 | 2.42 |
|  | 016 | H01 | 15 | 8. | 8. | 16. | 21. | 37. | 76. | 81. | 81. | 81. | 32. | 23.39 | 24.68 | 2.12 |
|  | 019 | H01 | 15 | 5. | 10. | 21. | 29. | 34. | 63. | 71. | 71. | 71. | 30. | 18.47 | 24.91 | 1.99 |
| 226 Covington | 005 | F02 | 12 | 2. | 2. | 2. | 26. | 52. | 52. | 183. | 183. | 183. | 36. | 50.84 | 13.74 | 4.92 |
| 226 Front Royal | 004 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 52. | 52. | 52. | 52. | 13. | 18.72 | 5.38 | 3.60 |
| 226 Pulaski | 007 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 2. | 52. | 52. | 52. | 6. | 13.34 | 3.09 | 2.26 |
| 226 Salem | 001 | G01 | 15 | 2. | 2. | 8. | 8. | 16. | 24. | 38. | 38. | 38. | 13. | 9.25 | 10.16 | 2.12 |
|  | 003 | G01 | 15 | 2. | 2. | 8. | 16. | 16. | 19. | 20. | 20. | 20. | 12. | 6.74 | 9.22 | 2.35 |
| 226 Vinton | 002 | G01 | 16 | 2. | 2. | 2. | 8. | 19. | 23. | 23. | 23. | 23. | 11. | 8.18 | 7.97 | 2.64 |
| 226 Waynesboro | 001 | F02 | 14 | 2. | 2. | 2. | 2. | 2. | 52. | 105. | 105. | 105. | 15. | 29.50 | 4.78 | 3.76 |
| 226 Winchester | 001 | F01 | 15 | 2. | 26. | 26. | 26. | 52. | 52. | 79. | 79. | 79. | 37. | 18.97 | 30.36 | 2.21 |
| **WASHINGTON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 062 Clarkston | 001 | F01 | 16 | 34. | 36. | 38. | 39. | 40. | 42. | 43. | 43. | 43. | 39. | 2.35 | 38.87 | 1.06 |
| 062 Spokane | 001 | P01 | 7 | 12. | 12. | 13. | 13. | 13. | 14. | 14. | 14. | 14. | 13. | .58 | 12.99 | 1.05 |
|  | 011 | F01 | 16 | 30. | 32. | 32. | 34. | 35. | 38. | 39. | 39. | 39. | 35. | 2.63 | 34.47 | 1.08 |
| 193 Longview | 002 | I01 | 15 | 31. | 32. | 33. | 34. | 38. | 41. | 47. | 47. | 47. | 36. | 4.41 | 35.63 | 1.12 |
| 227 Colville | 001 | F05 | 15 | 34. | 36. | 38. | 38. | 40. | 40. | 41. | 41. | 41. | 38. | 1.76 | 38.36 | 1.05 |
| 228 Burlington | 001 | F01 | 16 | 35. | 36. | 37. | 38. | 39. | 41. | 42. | 42. | 42. | 38. | 1.91 | 38.21 | 1.05 |
| 228 Port Angeles | 006 | I01 | 11 | 36. | 37. | 39. | 40. | 41. | 42. | 46. | 46. | 46. | 40. | 2.74 | 40.01 | 1.07 |
| 228 Whatcom Co | 001 | I03 | 16 | 38. | 39. | 42. | 54. | 89. | 97. | 98. | 98. | 98. | 66. | 24.44 | 61.27 | 1.47 |
| 229 King Co | 002 | P03 | 8 | 10. | 10. | 13. | 13. | 13. | 20. | 20. | 20. | 20. | 13. | 2.83 | 13.23 | 1.21 |
| 229 Seattle | 001 | P01 | 7 | 21. | 21. | 24. | 26. | 28. | 48. | 48. | 48. | 48. | 29. | 9.41 | 27.48 | 1.33 |
| 229 Tacoma | 001 | P01 | 6 | 13. | 13. | 13. | 15. | 16. | 27. | 27. | 27. | 27. | 17. | 5.24 | 16.12 | 1.31 |
| 230 Yakima | 003 | F01 | 15 | 33. | 33. | 37. | 38. | 39. | 41. | 43. | 43. | 43. | 38. | 3.00 | 37.42 | 1.08 |
| **WEST VIRGINIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 103 Huntington | 003 | F01 | 15 | 8. | 8. | 17. | 28. | 31. | 44. | 49. | 49. | 49. | 26. | 13.16 | 22.24 | 1.84 |
| 113 Mineral Co | 004 | F01 | 13 | 16. | 24. | 26. | 41. | 68. | 97. | 106. | 106. | 106. | 51. | 28.95 | 43.41 | 1.79 |
|  | 005 | F01 | 15 | 10. | 24. | 71. | 85. | 100. | 123. | 123. | 123. | 123. | 82. | 33.26 | 71.12 | 1.97 |
|  | 006 | F05 | 13 | 16. | 26. | 71. | 88. | 98. | 124. | 125. | 125. | 125. | 81. | [illegible] | 71.56 | 1.83 |
| 179 Parkersburg | 003 | F01 | 10 | 8. | 8. | 18. | 26. | 28. | 37. | 38. | 38. | 38. | 24. | [illegible] | 21.33 | 1.78 |
| 179 Vienna | 001 | F02 | 5 | 15. | 15. | 30. | 30. | 59. | 70. | 70. | 70. | 70. |  |  |  |  |
| 179 Wood Co | 001 | F02 | 15 | 8. | 9. | 16. | 26. | 39. | 60. | 95. | 95. | 95. | 32. | 23.80 | 25.65 | 2.03 |
| 181 Follansbee | 004 | F02 | 15 | 8. | 8. | 14. | 84. | 115. | 264. | 266. | 266. | 266. | 94. | 89.65 | 49.74 | 3.85 |
| 181 Hancock Co | 003 | F02 | 11 | 8. | 8. | 34. | 65. | 83. | 95. | 235. | 235. | 235. | 69. | 62.86 | 46.33 | 2.84 |
|  | 005 | F02 | 13 | 8. | 8. | 8. | 22. | 147. | 176. | 177. | 177. | 177. | 69. | 74.97 | 30.70 | 4.09 |
| 181 Moundsville | 001 | F02 | 14 | 15. | 28. | 41. | 59. | 104. | 168. | 179. | 179. | 179. | 78. | 50.52 | 63.21 | 2.03 |
| 181 Weirton | 002 | F02 | 9 | 47. | 47. | 55. | 80. | 129. | 152. | 152. | 152. | 152. | 92. | 40.55 | 84.36 | 1.57 |
| 181 Wheeling | 001 | H01 | 13 | 8. | 8. | 20. | 43. | 64. | 174. | 207. | 207. | 207. | 64. | 66.51 | 37.24 | 3.08 |
|  | 004 | H01 | 12 | 3. | 3. | 8. | 17. | 32. | 51. | 58. | 58. | 58. | 23. | 18.85 | 14.45 | 3.00 |
| 232 Weston | 001 | F01 | 11 | 8. | 8. | 8. | 14. | 14. | 22. | 46. | 46. | 46. | 16. | 11.20 | 13.28 | 1.74 |
| 233 Martinsburg | 001 | F01 | 13 | 16. | 31. | 39. | 55. | 76. | 97. | 107. | 107. | 107. | 60. | 27.83 | 53.06 | 1.70 |
| 234 Charleston | 001 | P01 | 1 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |  |  |  |  |
|  | 007 | F02 | 15 | 8. | 26. | 40. | 58. | 64. | 107. | 129. | 129. | 129. | 59. | 30.92 | 50.10 | 1.93 |
| 234 Kanawha Co | 002 | F02 | 12 | 8. | 19. | 26. | 34. | 51. | 163. | 268. | 268. | 268. | 64. | 75.55 | 41.33 | 2.55 |
| 234 Nitro | 001 | F02 | 15 | 8. | 13. | 18. | 22. | 34. | 45. | 100. | 100. | 100. | 30. | 22.35 | 24.43 | 1.85 |
| 234 Putnam Co | 002 | F02 | 15 | 8. | 8. | 24. | 31. | 58. | 109. | 140. | 140. | 140. | 44. | 38.25 | 30.83 | 2.51 |
|  | 003 | F02 | 11 | 8. | 10. | 39. | 41. | 44. | 53. | 148. | 148. | 148. | 45. | 37.15 | 34.75 | 2.23 |
| 234 South Charleston | 003 | F01 | 12 | 8. | 8. | 15. | 21. | 30. | 140. | 184. | 184. | 184. | 44. | 56.93 | 25.27 | 2.79 |
|  | 005 | F02 | 14 | 3. | 8. | 21. | 29. | 34. | 83. | 127. | 127. | 127. | 38. | 33.67 | 26.66 | 2.66 |
| 235 Fairmont | 002 | F02 | 13 | 8. | 8. | 9. | 34. | 52. | 65. | 75. | 75. | 75. | 35. | 22.98 | 26.30 | 2.37 |
| 235 Harrison Co | 001 | F01 | 13 | 8. | 8. | 8. | 18. | 21. | 26. | 37. | 37. | 37. | 18. | 8.68 | 16.06 | 1.69 |
| 236 Beckley | 001 | F01 | 12 | 8. | 8. | 8. | 8. | 18. | 21. | 26. | 26. | 26. | 14. | 6.54 | 12.17 | 1.60 |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **WISCONSIN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 068 Grant Co | 001 | F01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
| 073 Beloit | 004 | F01 | 8 | 3. | 3. | 12. | 20. | 37. | 133. | 133. | 133. | 133. | 40. | 45.24 | 19.42 | 4.33 |
| 128 Eau Claire | 005 | F01 | 13 | 3. | 3. | 3. | 8. | 21. | 34. | 37. | 37. | 37. | 14. | 13.21 | 8.57 | 3.11 |
| 128 La Crosse | 003 | F01 | 45 | 3. | 3. | 3. | 19. | 47. | 62. | 71. | 72. | 72. | 28. | 24.29 | 14.45 | 3.78 |
|  | 005 | F01 | 54 | 3. | 3. | 9. | 17. | 25. | 43. | 48. | 57. | 57. | 20. | 15.32 | 13.16 | 2.91 |
| 128 River Falls | 001 | F01 | 10 | 3. | 3. | 3. | 3. | 5. | 7. | 37. | 37. | 37. | 7. | 10.73 | 4.64 | 2.35 |
| 129 Ashland | 003 | F01 | 7 | 3. | 3. | 3. | 3. | 6. | 96. | 96. | 96. | 96. |  |  |  |  |
| 129 Superior | 002 | F02 | 14 | 3. | 3. | 3. | 3. | 3. | 14. | 18. | 18. | 18. | 5. | 5.11 | 3.86 | 2.09 |
|  | 006 | F01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
|  | 998 | F05 | 17 | 3. | 3. | 3. | 3. | 15. | 26. | 175. | 175. | 175. | 18. | 41.14 | 6.43 | 3.43 |
|  | 999 | F04 | 8 | 3. | 3. | 3. | 9. | 14. | 33. | 33. | 33. | 33. |  |  |  |  |
| 237 De Pere | 001 | F01 | 22 | 3. | 3. | 3. | 3. | 14. | 26. | 31. | 71. | 71. | 12. | 16.09 | 6.31 | 3.06 |
| 237 Green Bay | 001 | F01 | 16 | 3. | 3. | 5. | 10. | 36. | 62. | 148. | 148. | 148. | 28. | 37.84 | 12.60 | 3.82 |
|  | 002 | F01 | 31 | 3. | 3. | 6. | 30. | 49. | 80. | 113. | 205. | 205. | 37. | 43.52 | 16.94 | 4.16 |
|  | 008 | F01 | 22 | 3. | 3. | 3. | 8. | 28. | 54. | 55. | 92. | 92. | 21. | 24.00 | 10.08 | 3.78 |
| 237 Menasha | 006 | F01 | 12 | 3. | 3. | 3. | 5. | 8. | 26. | 73. | 73. | 73. | 13. | 20.47 | 6.47 | 3.08 |
| 237 Oshkosh | 005 | F01 | 12 | 3. | 3. | 3. | 7. | 30. | 51. | 75. | 75. | 75. | 20. | 23.99 | 9.05 | 3.81 |
|  | 006 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 6. | 11. | 11. | 11. | 4. | 2.81 | 3.12 | 1.67 |
| 237 Rhinelander | 999 | F05 | 3 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
| 238 Stevens Point | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 16. | 16. | 16. | 3. | 3.50 | 2.85 | 1.63 |
|  | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 238 Wausau | 002 | F01 | 14 | 3. | 3. | 5. | 15. | 26. | 40. | 84. | 84. | 84. | 21. | 22.26 | 11.92 | 3.35 |
|  | 003 | F01 | 15 | 3. | 3. | 3. | 18. | 19. | 36. | 42. | 42 | 42. | 17. | 12.67 | 10.87 | 3.03 |
|  | 004 | F01 | 8 | 3. | 3. | 3. | 3. | 3. | 26. | 26. | 26. | 26. | 5. | 8.49 | 3.36 | 2.30 |
| 239 Kenosha | 003 | F01 | 13 | 3. | 3. | 3. | 3. | 10. | 62. | 98. | 98. | 98. | 18. | 29.74 | 6.21 | 3.91 |
| 239 Milwaukee | 001 | P01 | 7 | 5. | 5. | 5. | 5. | 6. | 44. | 44. | 44. | 44. | 12. | 14.47 | 7.93 | 2.27 |
| 239 Racine | 002 | F01 | 7 | 3. | 3. | 3. | 3. | 6. | 28. | 28. | 28. | 28. | 7. | 9.27 | 4.57 | 2.48 |
| 239 Whitewater | 001 | F01 | 21 | 3. | 3. | 3. | 3. | 3. | 17. | 26. | 175. | 175. | 14. | 37.49 | 4.53 | 3.10 |
| 240 Madison | 001 | F01 | 10 | 3. | 3. | 3. | 11. | 14. | 120. | 145. | 145. | 145. | 33. | 53.14 | 10.81 | 4.66 |
|  | 001 | P01 | 7 | 5. | 5. | 5. | 5. | 6. | 27. | 27. | 27. | 27. | 8. | 8.20 | 6.70 | 1.86 |
|  | 002 | F02 | 13 | 3. | 3. | 3. | 3. | 10. | 22. | 85. | 85. | 85. | 13. | 22.74 | 6.03 | 3.16 |
|  | 003 | F02 | 10 | 3. | 3. | 3. | 3. | 13. | 42. | 68. | 68. | 68. | 17. | 22.20 | 8.01 | 3.77 |
|  | 005 | F01 | 13 | 3. | 3. | 3. | 3. | 8. | 20. | 82. | 82. | 82. | 11. | 22.00 | 4.93 | 2.97 |
|  | 008 | F02 | 11 | 3. | 3. | 10. | 30. | 47. | 66. | 90. | 90. | 90. | 34. | 28.87 | 18.31 | 4.06 |
|  | 009 | F01 | 10 | 3. | 3. | 3. | 3. | 11. | 14. | 23. | 23. | 23. | 8. | 7.14 | 5.83 | 2.51 |
| **WYOMING** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 241 Casper | 001 | F01 | 12 | 3. | 3. | 6. | 10. | 14. | 15. | 15. | 15. | 15. | 9. | 5.07 | 7.60 | 2.08 |
|  | 001 | P01 | 10 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| 243 Rock Springs | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 5. | 5. | 10. | 10. | 10. | 4. | 2.00 | 3.30 | 1.55 |
| 243 Yellowstone Nat Park | 001 | P03 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **GUAM** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 246 Agana Dist | 002 | F01 | 13 | 3. | 3. | 6. | 8. | 13. | 19. | 22. | 22. | 22. | 10. | 6.21 | 8.41 | 2.02 |
| 246 Dededo Dist | 003 | F02 | 15 | 3. | 3. | 6. | 12. | 20. | 30. | 35. | 35. | 35. | 14. | 11.18 | 9.97 | 2.53 |
| 246 Piti Dist | 001 | F02 | 13 | 3. | 6. | 19. | 23. | 114. | 129. | 677. | 677. | 677. | 98. | 179.91 | 36.61 | 4.32 |
|  | 006 | F02 | 15 | 3. | 3. | 7. | 13. | 25. | 43. | 103. | 103. | 103. | 21. | 25.73 | 11.74 | 3.02 |
| **VIRGIN ISLANDS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 247 Charlotte Amalie | 001 | F02 | 26 | 2. | 2. | 2. | 2. | 2. | 2. | 13. | 26. | 26. |  |  |  |  |
| 247 St. Croix | 004 | F02 | 27 | 2. | 2. | 2. | 2. | 2. | 16. | 16. | 18. | 18. |  |  |  |  |
|  | 005 | F02 | 26 | 2. | 2. | 2. | 2. | 2. | 2. | 2. | 13. | 13. |  |  |  |  |

## SULFUR DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER PARAROSANILINE-SULFAMIC ACID, 3 hours

1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 072 Paducah | 001 | F01 | 104 | 2. | 2. | 2. | 2. | 10. | 52. | 68. | 115. | 123. | | | | |
| 077 Owensboro | 005 | F01 | 110 | 2. | 2. | 5. | 10. | 21. | 45. | 52. | 68. | 86. | | | | |
| | 006 | F01 | 111 | 2. | 2. | 10. | 16. | 26. | 47. | 53. | 68. | 76. | | | | |
| 079 Carroll Co | 001 | F02 | 102 | 2. | 2. | 2. | 2. | 10. | 24. | 37. | 73. | 110. | | | | |
| 079 Covington | 006 | F01 | 120 | 2. | 2. | 2. | 5. | 13. | 21. | 39. | 58. | 65. | | | | |
| 079 Fort Thomas | 001 | F01 | 94 | 2. | 2. | 10. | 16. | 29. | 55. | 76. | 131. | 131. | | | | |
| 102 Lexington | 004 | F01 | 72 | 2. | 2. | 2. | 2. | 2. | 16. | 55. | 393. | 393. | | | | |
| 103 Ashland | 003 | FC1 | 116 | 2. | 2. | 2. | 8. | 16. | 39. | 47. | 86. | 141. | | | | |
| | 007 | F01 | 116 | 2. | 2. | 2. | 2. | 13. | 37. | 55. | 76. | 178. | | | | |

**Preceding page blank**

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ARIZONA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 015 Phoenix | 014 | F01 | 695 | 9. | 9. | 9. | 20. | 57. | 113. | 145. | 188. | 220. |  |  |  |  |
| **CALIFORNIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 024 Anaheim | 001 | I01 | 1953 | 9. | 38. | 56. | 94. | 113. | 207. | 263. | 451. | 940. | 112. | 89.04 | 87.42 | 2.04 |
| 024 Azusa | 002 | I01 | 2064 | 19. | 19. | 38. | 75. | 113. | 207. | 263. | 376. | 620. | 98. | 79.30 | 72.62 | 2.22 |
| 024 Burbank | 002 | I01 | 1934 | 19. | 38. | 75. | 113. | 150. | 263. | 357. | 508. | 902. | 137. | 105.45 | 106.51 | 2.06 |
| 024 Chino | 001 | I01 | 2088 | 9. | 19. | 56. | 56. | 94. | 150. | 188. | 376. | 1260. | 82. | 70.87 | 63.90 | 2.04 |
| 024 Costa Mesa | 001 | I01 | 2018 | 9. | 9. | 19. | 56. | 94. | 169. | 226. | 320. | 658. | 77. | 73.51 | 49.74 | 2.66 |
| 024 La Habra | 001 | I01 | 1944 | 9. | 38. | 75. | 113. | 150. | 263. | 320. | 451. | 865. | 133. | 92.11 | 105.94 | 2.06 |
| 024 Lennox | 001 | I01 | 2034 | 19. | 38. | 75. | 94. | 132. | 226. | 301. | 564. | 752. | 122. | 98.23 | 95.67 | 2.02 |
| 024 Long Beach | 002 | I01 | 2021 | 19. | 38. | 56. | 75. | 132. | 207. | 282. | 414. | 846. | 109. | 85.33 | 84.69 | 2.06 |
| 024 Los Angeles | 001 | I01 | 2050 | 19. | 56. | 94. | 132. | 169. | 282. | 376. | 602. | 902. | 157. | 108.38 | 130.43 | 1.83 |
|  | 002 | I01 | 1986 | 19. | 38. | 75. | 113. | 132. | 263. | 338. | 526. | 940. | 129. | 103.69 | 101.14 | 2.01 |
| 024 Los Angeles Co | 001 | I01 | 2112 | 19. | 19. | 56. | 75. | 113. | 226. | 282. | 470. | 620. | 106. | 93.01 | 75.32 | 2.34 |
| 024 Lynwood | 001 | I01 | 1920 | 19. | 19. | 38. | 56. | 94. | 169. | 226. | 320. | 564. | 83. | 67.01 | 64.24 | 2.04 |
| 024 Newhall | 001 | I01 | 1992 | 19. | 19. | 38. | 38. | 56. | 94. | 113. | 188. | 357. | 51. | 36.64 | 41.85 | 1.84 |
| 024 Norco | 001 | I01 | 1888 | 9. | 19. | 19. | 38. | 56. | 113. | 132. | 226. | 338. | 54. | 44.12 | 41.39 | 2.09 |
| 024 Pasadena | 004 | I01 | 2037 | 19. | 56. | 94. | 132. | 169. | 263. | 357. | 545. | 884. | 151. | 105.43 | 124.57 | 1.86 |
| 024 Pomona | 001 | I01 | 2066 | 19. | 56. | 75. | 113. | 150. | 226. | 282. | 451. | 658. | 128. | 84.12 | 107.34 | 1.83 |
| 024 Riverside | 003 | F01 | 1875 | 9. | 38. | 56. | 75. | 113. | 169. | 226. | 301. | 414. | 93. | 62.92 | 75.42 | 1.95 |
| 024 Rubidoux | 001 | I01 | 1898 | 9. | 9. | 19. | 38. | 56. | 113. | 132. | 226. | 338. | 54. | 43.89 | 39.47 | 2.24 |
| 024 San Bernardino | 001 | I01 | 2093 | 9. | 19. | 38. | 56. | 94. | 150. | 188. | 301. | 470. | 76. | 60.25 | 56.04 | 2.31 |
| 024 Santa Barbara | 004 | F01 | 1826 | 9. | 19. | 38. | 56. | 75. | 113. | 132. | 169. | 244. | 67. | 34.79 | 57.65 | 1.79 |
| 024 Upland | 003 | I01 | 1516 | 9. | 9. | 19. | 38. | 132. | 188. | 226. | 376. | 639. |  |  |  |  |
|  | 004 | F01 | 1934 | 9. | 38. | 56. | 75. | 94. | 169. | 226. | 338. | 451. | 90. | 63.79 | 71.93 | 1.98 |
| 024 Whittier | 001 | I01 | 2013 | 19. | 56. | 75. | 113. | 150. | 244. | 301. | 395. | 1166. | 132. | 83.17 | 109.95 | 1.86 |
| 025 Monterey | 001 | I01 | 2152 | 19. | 19. | 19. | 19. | 38. | 56. | 75. | 169. | 244. | 31. | 26.85 | 25.78 | 1.69 |
| 025 Salinas | 001 | I01 | 2096 | 19. | 19. | 19. | 38. | 56. | 75. | 94. | 113. | 188. | 43. | 25.52 | 36.13 | 1.77 |
| 025 Santa Cruz Co | 001 | I01 | 1696 | 19. | 19. | 19. | 19. | 38. | 56. | 75. | 113. | 132. | 31. | 19.05 | 27.14 | 1.63 |
| 028 Chico | 001 | F01 | 1905 | 9. | 19. | 19. | 38. | 38. | 56. | 75. | 94. | 132. | 34. | 19.71 | 29.84 | 1.66 |
| 028 Redding | 002 | F01 | 1895 | 9. | 19. | 19. | 38. | 38. | 56. | 75. | 94. | 169. | 34. | 20.03 | 29.80 | 1.69 |
| 028 Sacramento | 003 | F01 | 1889 | 19. | 19. | 19. | 38. | 56. | 75. | 94. | 132. | 263. | 46. | 28.52 | 38.79 | 1.77 |
| 028 Yuba City | 001 | F01 | 1948 | 9. | 19. | 19. | 19. | 38. | 56. | 75. | 113. | 150. | 33. | 21.06 | 28.42 | 1.67 |
| 029 El Cajon | 002 | I01 | 1789 | 9. | 19. | 56. | 75. | 94. | 150. | 188. | 263. | 395. | 80. | 53.95 | 64.72 | 1.96 |
| 029 Oceanside | 003 | I01 | 1748 | 9. | 9. | 19. | 38. | 38. | 75. | 113. | 188. | 282. | 41. | 34.73 | 31.12 | 2.04 |
| 029 San Diego | 004 | I01 | 1914 | 9. | 19. | 38. | 75. | 94. | 150. | 188. | 301. | 508. | 79. | 60.61 | 58.81 | 2.27 |
| 030 Burlingame | 002 | I01 | 756 | 9. | 9. | 19. | 19. | 38. | 56. | 75. | 113. | 132. |  |  |  |  |
| 030 Concord | 001 | I01 | 1907 | 9. | 19. | 38. | 38. | 56. | 94. | 113. | 150. | 282. | 50. | 30.98 | 42.08 | 1.86 |
| 030 Fremont | 001 | I01 | 2026 | 9. | 19. | 19. | 38. | 56. | 94. | 132. | 226. | 470. | 51. | 44.26 | 40.05 | 1.96 |
| 030 Livermore | 002 | I01 | 2040 | 9. | 19. | 38. | 56. | 56. | 75. | 94. | 132. | 226. | 50. | 26.21 | 43.19 | 1.74 |
| 030 Napa | 003 | I01 | 2014 | 9. | 19. | 38. | 38. | 56. | 75. | 94. | 113. | 150. | 47. | 23.39 | 40.55 | 1.81 |
| 030 Oakland | 004 | F01 | 1874 | 9. | 19. | 38. | 56. | 75. | 113. | 150. | 226. | 357. | 63. | 42.97 | 50.95 | 1.92 |
| 030 Pittsburg | 001 | I01 | 1967 | 9. | 19. | 19. | 38. | 38. | 56. | 75. | 94. | 150. | 37. | 21.45 | 30.60 | 1.84 |
| 030 Redwood City | 001 | I01 | 2037 | 9. | 19. | 56. | 75. | 94. | 150. | 188. | 282. | 357. | 79. | 54.87 | 62.68 | 2.05 |
| 030 Richmond | 003 | I01 | 1976 | 19. | 19. | 38. | 56. | 75. | 94. | 113. | 132. | 226. | 61. | 27.47 | 54.75 | 1.65 |
| 030 San Francisco | 003 | I01 | 1796 | 9. | 38. | 56. | 75. | 75. | 113. | 113. | 150. | 226. | 72. | 26.50 | 66.65 | 1.49 |
| 030 San Jose | 004 | I01 | 1932 | 9. | 38. | 56. | 75. | 94. | 150. | 188. | 301. | 414. | 82. | 54.05 | 67.87 | 1.84 |
| 030 San Rafael | 001 | I01 | 2017 | 9. | 38. | 38. | 56. | 75. | 94. | 94. | 132. | 188. | 58. | 24.26 | 52.70 | 1.59 |
| 030 Santa Rosa | 002 | I01 | 2060 | 9. | 19. | 38. | 38. | 56. | 75. | 94. | 113. | 132. | 48. | 22.89 | 42.29 | 1.68 |
| 030 Sunnyvale | 001 | I01 | 1936 | 19. | 38. | 56. | 75. | 94. | 150. | 207. | 301. | 451. | 84. | 56.95 | 69.03 | 1.91 |
| 030 Vallejo | 003 | I01 | 2016 | 9. | 19. | 38. | 38. | 56. | 75. | 94. | 132. | 207. | 48. | 27.62 | 40.35 | 1.83 |
| 031 Bakersfield | 003 | F01 | 1853 | 9. | 19. | 38. | 56. | 56. | 94. | 113. | 169. | 226. | 56. | 32.64 | 47.84 | 1.77 |
| 031 Fresno | 003 | F01 | 117 | 19. | 19. | 38. | 56. | 56. | 94. | 94. | 132. | 150. |  |  |  |  |
| 031 Modesto | 001 | F01 | 1901 | 9. | 19. | 38. | 56. | 56. | 75. | 94. | 132. | 169. | 52. | 25.69 | 46.32 | 1.66 |
| 031 Stockton | 002 | F01 | 1714 | 9. | 19. | 38. | 38. | 56. | 75. | 94. | 132. | 207. | 47. | 24.21 | 41.74 | 1.64 |
| 031 Visalia | 001 | F01 | 1948 | 9. | 19. | 19. | 38. | 56. | 75. | 94. | 132. | 207. | 43. | 25.49 | 36.74 | 1.76 |
| 032 San Luis Obispo | 001 | F01 | 1961 | 9. | 19. | 19. | 38. | 56. | 75. | 94. | 132. | 169. | 44. | 25.39 | 37.60 | 1.76 |
| 033 Barstow | 001 | I01 | 2056 | 9. | 19. | 38. | 56. | 94. | 150. | 188. | 244. | 432. | 77. | 56.89 | 57.20 | 2.32 |
| 033 Indio | 001 | I01 | 2028 | 9. | 19. | 19. | 38. | 56. | 75. | 94. | 113. | 169. | 42. | 26.84 | 33.96 | 1.95 |
| 033 Lancaster | 001 | I01 | 2066 | 19. | 19. | 19. | 38. | 56. | 75. | 75. | 94. | 150. | 37. | 22.23 | 31.69 | 1.74 |
| 033 Palm Springs | 001 | I01 | 463 | 9. | 19. | 19. | 38. | 56. | 56. | 75. | 94. | 94. |  |  |  |  |
| 033 Victorville | 001 | I01 | 1951 | 9. | 9. | 19. | 38. | 75. | 150. | 188. | 244. | 395. | 63. | 57.65 | 41.57 | 2.63 |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 036 Denver | 002 | F01 | 706 | 19. | 55. | 75. | 86. | 105. | 149. | 192. | 276. | 431. |  |  |  |  |

Preceding page blank

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **DISTRICT OF COLUMBIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 047 Washington | 011 | I01 | 360 | 19. | 28. | 38. | 56. | 56. | 75. | 94. | 113. | 132. |  |  |  |  |
| **FLORIDA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 049 Jacksonville | 049 | H01 | 1218 | 9. | 32. | 53. | 71. | 94. | 132. | 150. | 180. | 235. |  |  |  |  |
| 050 West Palm Beach | 001 | G01 | 298 | 9. | 9. | 19. | 24. | 30. | 53. | 70. | 141. | 141. |  |  |  |  |
| **KENTUCKY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 072 Paducah | 020 | F01 | 1862 | 9. | 19. | 36. | 49. | 64. | 96. | 117. | 184. | 252. | 55. | 35.19 | 44.13 | 2.01 |
| 077 Henderson | 008 | F01 | 1894 | 9. | 19. | 34. | 45. | 60. | 81. | 96. | 117. | 844. | 48. | 30.95 | 40.69 | 1.86 |
| 077 Owensboro | 008 | F01 | 1816 | 9. | 26. | 41. | 51. | 62. | 86. | 105. | 147. | 177. | 55. | 26.35 | 48.41 | 1.70 |
| 078 Louisville | 020 | G01 | 1046 | 9. | 19. | 38. | 47. | 56. | 73. | 85. | 109. | 150. |  |  |  |  |
| 078 St Matthews | 004 | G01 | 1526 | 9. | 9. | 19. | 28. | 47. | 66. | 75. | 94. | 132. |  |  |  |  |
| 079 Newport | 001 | F01 | 1376 | 9. | 28. | 47. | 66. | 75. | 103. | 113. | 141. | 667. |  |  |  |  |
| 102 Lexington | 002 | F01 | 1789 | 9. | 9. | 30. | 55. | 81. | 152. | 179. | 220. | 310. | 66. | 53.19 | 46.06 | 2.52 |
| 103 Ashland | 008 | F01 | 1660 | 9. | 19. | 47. | 75. | 132. | 205. | 233. | 290. | 1878. | 99. | 88.16 | 67.98 | 2.55 |
| **MAINE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 109 Bangor | 001 | F01 | 2012 | 9. | 9. | 30. | 50. | 70. | 90. | 100. | 125. | 160. | 51. | 29.71 | 41.24 | 2.06 |
| **MISSOURI** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 070 Afton | 001 | G01 | 25 | 9. | 9. | 9. | 9. | 9. | 47. | 361. | 361. | 361. |  |  |  |  |
| 070 Bellefontaine Neighbors | 002 | G01 | 2049 | 9. | 21. | 38. | 55. | 75. | 102. | 109. | 132. | 182. | 58. | 30.73 | 48.90 | 1.94 |
| 070 Clayton | 001 | G01 | 2057 | 9. | 28. | 51. | 68. | 85. | 105. | 117. | 139. | 226. | 68. | 30.32 | 59.63 | 1.77 |
| 070 St Ann | 001 | G01 | 2007 | 9. | 9. | 32. | 56. | 77. | 103. | 115. | 145. | 320. | 58. | 34.40 | 45.94 | 2.13 |
| 070 St Louis Co | 006 | G01 | 1697 | 9. | 21. | 60. | 85. | 109. | 150. | 169. | 211. | 235. | 87. | 47.34 | 69.40 | 2.17 |
| **MONTANA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 143 Rosebud Co | 028 | F03 | 744 | 9. | 9. | 9. | 9. | 9. | 9. | 9. | 9. | 9. |  |  |  |  |
| **NEW YORK** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 043 Hempstead | 005 | F01 | 1971 | 9. | 21. | 43. | 58. | 73. | 100. | 115. | 164. | 218. | 61. | 31.66 | 50.91 | 1.94 |
| 043 Mamaroneck | 002 | F01 | 2032 | 9. | 9. | 36. | 58. | 77. | 109. | 130. | 167. | 239. | 60. | 37.35 | 46.61 | 2.23 |
| 043 New York City | 050 | F01 | 1927 | 9. | 9. | 32. | 47. | 64. | 103. | 130. | 188. | 320. | 54. | 38.51 | 40.91 | 2.21 |
| 158 Syracuse | 005 | F01 | 2056 | 9. | 19. | 41. | 60. | 77. | 109. | 130. | 169. | 229. | 63. | 36.07 | 51.09 | 2.04 |
|  | 011 | F01 | 1899 | 9. | 38. | 55. | 71. | 86. | 109. | 122. | 167. | 380. | 73. | 31.00 | 65.86 | 1.61 |
| 158 Utica | 004 | F01 | 1889 | 9. | 9. | 32. | 49. | 71. | 109. | 128. | 171. | 423. | 57. | 38.94 | 43.82 | 2.20 |
| 159 Glens Falls | 003 | F01 | 2007 | 9. | 9. | 9. | 26. | 39. | 58. | 66. | 79. | 103. | 29. | 20.20 | 22.48 | 2.12 |
| 160 Rochester | 004 | F01 | 1867 | 9. | 9. | 28. | 39. | 53. | 68. | 79. | 105. | 196. | 41. | 22.18 | 34.15 | 1.92 |
| 161 Kingston | 002 | F01 | 1968 | 9. | 9. | 9. | 28. | 43. | 58. | 64. | 86. | 331. | 32. | 24.16 | 24.26 | 2.10 |
| 161 Rensselaer | 001 | F01 | 1882 | 9. | 9. | 19. | 34. | 53. | 68. | 75. | 96. | 109. | 37. | 23.38 | 28.67 | 2.17 |
| 161 Schenectady | 003 | F01 | 1964 | 9. | 9. | 21. | 32. | 49. | 70. | 79. | 98. | 117. | 37. | 23.25 | 28.94 | 2.08 |
| 162 Buffalo | 005 | F01 | 2112 | 9. | 9. | 21. | 34. | 49. | 79. | 96. | 139. | 177. | 39. | 28.95 | 29.86 | 2.16 |
|  | 007 | F01 | 1940 | 9. | 9. | 32. | 47. | 70. | 100. | 111. | 143. | 291. | 53. | 34.75 | 41.34 | 2.18 |
| 162 Niagara Falls | 006 | F01 | 1888 | 9. | 9. | 34. | 49. | 68. | 102. | 120. | 519. | 985. | 62. | 82.92 | 43.79 | 2.25 |
| **OREGON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 193 Portland | 002 | F01 | 1845 | 9. | 19. | 38. | 56. | 75. | 75. | 94. | 113. | 132. | 54. | 22.83 | 48.75 | 1.66 |
| **TENNESSEE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 208 Nashville | 010 | G01 | 720 | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. | 19. |  |  |  |  |
| **UTAH** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 220 Ogden | 001 | F01 | 2148 | 19. | 38. | 75. | 94. | 150. | 320. | 489. | 808. | 1053. | 148. | 150.79 | 105.14 | 2.20 |
| 220 Provo | 001 | F01 | 2129 | 9. | 19. | 38. | 56. | 75. | 113. | 132. | 150. | 244. | 60. | 35.33 | 49.60 | 1.97 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COLORIMETRIC-LYSHKOW (MOD), 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 009 | H01 | 2042 | 9. | 19. | 38. | 56. | 75. | 94. | 113. | 150. | 1878. | 63. | 64.71 | 52.53 | 1.89 |

# NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
# INSTRUMENTAL COLORIMETRIC-GRIESS-SALTZMAN, 1 hour

## 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Bayonne | 003 | F01 | 1350 | 9. | 9. | 30. | 51. | 62. | 88. | 111. | 149. | 252. | | | | |
| 043 Elizabeth | 004 | F01 | 1323 | 9. | 51. | 70. | 86. | 103. | 128. | 145. | 184. | 361. | | | | |
| 043 Newark | 002 | F01 | 1291 | 28. | 51. | 71. | 86. | 102. | 135. | 156. | 197. | 291. | | | | |
| 045 Camden | 003 | F01 | 1344 | 9. | 36. | 56. | 68. | 81. | 107. | 118. | 149. | 284. | | | | |
| 151 Phillipsburg | 002 | F01 | 1284 | 19. | 38. | 64. | 79. | 94. | 117. | 132. | 150. | 205. | | | | |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Philadelphia | 002 | H01 | 1921 | 9. | 56. | 94. | 113. | 132. | 169. | 188. | 244. | 508. | 112. | 47.96 | 100.69 | 1.67 |
| | 004 | H01 | 1820 | 19. | 38. | 75. | 94. | 113. | 132. | 169. | 226. | 301. | 93. | 40.61 | 83.34 | 1.63 |
| | 026 | H01 | 1884 | 9. | 56. | 75. | 94. | 94. | 132. | 150. | 188. | 263. | 89. | 32.15 | 83.44 | 1.47 |
| **RHODE ISLAND** | | | | | | | | | | | | | | | | |
| 120 Providence | 005 | F01 | 1370 | 9. | 35. | 49. | 61. | 72. | 88. | 94. | 108. | 125. | | | | |
| | 007 | F01 | 1757 | 9. | 38. | 53. | 65. | 78. | 95. | 101. | 115. | 134. | 65. | 21.97 | 60.85 | 1.52 |

Preceding page blank

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL COLORIMETRIC, 1 hour
### 1975 First Quarter

| Site location | Site No. | Agcy/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KANSAS** | | | | | | | | | | | | | | | | |
| 094 Kansas City | 001 | H01 | 2104 | 9. | 9. | 9. | 9. | 40. | 70. | 105. | 150. | 480. | 31. | 34.08 | 20.22 | 2.43 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 148 Reno | 005 | I01 | 2130 | 9. | 9. | 32. | 38. | 66. | 113. | 141. | 207. | 607. | 53. | 47.38 | 38.72 | 2.34 |
| **WEST VIRGINIA** | | | | | | | | | | | | | | | | |
| 181 Wheeling | 004 | H01 | 1143 | 9. | 9. | 34. | 55. | 75. | 102. | 120. | 134. | 149. | | | | |

Preceding page blank

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ARIZONA** | | | | | | | | | | | | | | | | |
| 015 Maricopa Co | 009 | G01 | 1798 | 9. | 9. | 9. | 9. | 24. | 38. | 45. | 58. | 150. | 20. | 13.12 | 16.24 | 1.82 |
| 015 Phoenix | 002 | G01 | 1991 | 9. | 28. | 47. | 56. | 75. | 113. | 141. | 207. | 244. | 65. | 38.25 | 55.04 | 1.86 |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 El Toro | 001 | I01 | 2089 | 9. | 19. | 38. | 56. | 94. | 150. | 207. | 357. | 771. | 76. | 72.06 | 54.52 | 2.24 |
| 024 Fontana | 001 | I01 | 2031 | 9. | 9. | 19. | 19. | 38. | 94. | 132. | 207. | 282. | 42. | 41.43 | 28.18 | 2.40 |
| 024 Point Mugu | 001 | I01 | 2149 | 9. | 9. | 9. | 19. | 19. | 38. | 56. | 94. | 150. | 22. | 17.16 | 18.49 | 1.80 |
| 024 Redlands | 001 | I01 | 1780 | 9. | 19. | 38. | 56. | 75. | 132. | 169. | 244. | 357. | 72. | 46.23 | 60.02 | 1.88 |
| 024 Santa Barbara | 004 | F01 | 659 | 9. | 38. | 38. | 56. | 75. | 94. | 113. | 188. | 301. | | | | |
| 029 Chula Vista | 001 | I01 | 2123 | 9. | 19. | 38. | 56. | 94. | 150. | 188. | 282. | 451. | 76. | 57.13 | 59.16 | 2.04 |
| 029 Escondido | 002 | I01 | 2032 | 9. | 38. | 56. | 75. | 94. | 150. | 188. | 263. | 677. | 86. | 53.63 | 72.68 | 1.78 |
| 030 Oakland | 004 | F01 | 1185 | 9. | 19. | 38. | 56. | 75. | 132. | 150. | 282. | 376. | | | | |
| 031 Visalia | 001 | F01 | 1953 | 19. | 38. | 38. | 56. | 56. | 94. | 94. | 150. | 226. | 55. | 26.60 | 49.88 | 1.39 |
| 032 San Luis Obispo | 001 | F01 | 799 | 9. | 9. | 19. | 19. | 38. | 56. | 75. | 113. | 150. | | | | |
| **COLORADO** | | | | | | | | | | | | | | | | |
| 036 Denver | 002 | F01 | 1222 | 26. | 58. | 85. | 103. | 122. | 154. | 177. | 252. | 431. | | | | |
| **DISTRICT OF COLUMBIA** | | | | | | | | | | | | | | | | |
| 047 Washington | 008 | I01 | 1080 | 9. | 38. | 75. | 94. | 132. | 263. | 376. | 1880. | 1880. | | | | |
| | 011 | I01 | 372 | 9. | 19. | 19. | 38. | 38. | 56. | 75. | 113. | 188. | | | | |
| | 017 | I01 | 612 | 9. | 38. | 75. | 94. | 113. | 150. | 188. | 226. | 320. | | | | |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 050 West Palm Beach | 001 | G01 | 671 | 9. | 9. | 9. | 9. | 23. | 34. | 39. | 47. | 73. | | | | |
| 052 Tampa | 035 | G02 | 285 | 9. | 9. | 9. | 19. | 28. | 47. | 66. | 85. | 113. | | | | |
| **GEORGIA** | | | | | | | | | | | | | | | | |
| 056 Atlanta | 001 | A05 | 2147 | 19. | 40. | 66. | 75. | 94. | 122. | 132. | 169. | 489. | 80. | 33.94 | 73.25 | 1.51 |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 067 Chicago | 033 | F01 | 877 | 9. | 9. | 26. | 32. | 41. | 58. | 66. | 81. | 212. | | | | |
| 067 Joliet | 005 | F01 | 539 | 9. | 9. | 9. | 9. | 9. | 34. | 45. | 73. | 109. | | | | |
| 070 East St Louis | 009 | F01 | 956 | 9. | 26. | 41. | 49. | 62. | 96. | 126. | 169. | 222. | | | | |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 078 Louisville | 011 | G01 | 2110 | 19. | 47. | 56. | 75. | 85. | 113. | 122. | 160. | 207. | 77. | 27.21 | 71.88 | 1.44 |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 131 Dakota Co | 020 | F02 | 2011 | 19. | 19. | 19. | 19. | 19. | 19. | 38. | 38. | 263. | 20. | 9.63 | 19.78 | 1.24 |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 085 Omaha | 026 | G01 | 1998 | 9. | 9. | 19. | 28. | 38. | 75. | 113. | 169. | 301. | 38. | 34.54 | 27.60 | 2.19 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 013 Las Vegas | 001 | G01 | 1046 | 9. | 9. | 28. | 50. | 77. | 198. | 1000. | 1112. | 3011. | | | | |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 014 Farmington | 003 | F01 | 134 | 94. | 188. | 282. | 376. | 470. | 564. | 658. | 752. | 846. | | | | |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 164 Elmira | 003 | F01 | 1392 | 9. | 9. | 21. | 26. | 34. | 51. | 58. | 71. | 85. | | | | |

Preceding page blank

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Bristol (borough) | 012 | F01 | 405 | 9. | 9. | 23. | 30. | 49. | 64. | 79. | 117. | 154. | | | | |
| 045 Chester (city) | 002 | F01 | 711 | 9. | 19. | 34. | 49. | 64. | 83. | 94. | 109. | 188. | | | | |
| 045 Norristown | 013 | F01 | 1576 | 9. | 9. | 26. | 45. | 64. | 90. | 102. | 143. | 203. | | | | |
| 151 Allentown | 003 | F01 | 146 | 9. | 19. | 41. | 53. | 64. | 75. | 83. | 32. | 132. | | | | |
| 151 Bethlehem | 017 | F01 | 1855 | 9. | 30. | 53. | 71. | 94. | 173. | 207. | 267. | 316. | 88. | 57.62 | 71.50 | 1.94 |
| 151 Reading | 009 | F01 | 866 | 9. | 9. | 26. | 41. | 53. | 71. | 86. | 105. | 150. | | | | |
| 151 Scranton | 006 | F01 | 1266 | 9. | 9. | 19. | 30. | 49. | 64. | 71. | 90. | 105. | | | | |
| 178 Erie | 010 | F01 | 14 | 26. | 26. | 38. | 45. | 53. | 135. | 169. | 169. | 169. | | | | |
| 178 New Castle | 015 | F01 | 1272 | 9. | 23. | 38. | 49. | 56. | 71. | 79. | 98. | 124. | | | | |
| 195 Johnstown | 011 | F01 | 959 | 9. | 9. | 19. | 30. | 38. | 49. | 56. | 71. | 102. | | | | |
| 196 Harrisburg | 361 | F01 | 1915 | 9. | 23. | 41. | 53. | 64. | 83. | 90. | 117. | 158. | 53. | 24.13 | 46.24 | 1.79 |
| 196 Lancaster City | 007 | F01 | 1847 | 9. | 9. | 26. | 38. | 45. | 56. | 64. | 79. | 169. | 36. | 17.84 | 30.85 | 1.83 |
| 196 York | 008 | F01 | 1684 | 9. | 19. | 30. | 41. | 49. | 64. | 68. | 90. | 184. | 41. | 18.31 | 36.30 | 1.69 |
| 197 Baden | 004 | F01 | 1 | 45. | 45. | 45. | 45. | 45. | 45. | 45. | 45. | 45. | | | | |
| 197 Beaver Falls | 014 | F01 | 1371 | 9. | 9. | 19. | 26. | 38. | 56. | 75. | 94. | 135. | | | | |
| 197 Charleroi | 005 | F01 | 1016 | 9. | 23. | 38. | 49. | 64. | 86. | 102. | 158. | 177. | | | | |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 055 Chattanooga | 024 | G01 | 335 | 9. | 9. | 9. | 23. | 30. | 39. | 47. | 56. | 66. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Bountiful | 001 | F01 | 1467 | 9. | 19. | 19. | 38. | 75. | 150. | 207. | 301. | 395. | | | | |
| 220 Magna | 001 | F02 | 2060 | 9. | 9. | 9. | 19. | 38. | 56. | 75. | 132. | 263. | 30. | 26.82 | 21.75 | 2.14 |
| 220 Salt Lake City | 001 | F01 | 2150 | 9. | 38. | 56. | 75. | 94. | 132. | 150. | 207. | 282. | 76. | 40.31 | 66.22 | 1.74 |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Fairfax | 005 | G01 | 2124 | 9. | 20. | 40. | 55. | 95. | 135. | 150. | 190. | 245. | 69. | 44.26 | 54.17 | 2.14 |
| 047 Fairfax Co | 014 | G01 | 2160 | 9. | 20. | 40. | 55. | 75. | 95. | 115. | 140. | 195. | 60. | 29.95 | 51.59 | 1.80 |
| 047 Mc Lean | 001 | G01 | 2160 | 9. | 20. | 40. | 55. | 75. | 105. | 115. | 145. | 2020. | 62. | 53.14 | 52.08 | 1.88 |
| 047 Seven Corners | 004 | G01 | 1896 | 9. | 45. | 65. | 85. | 105. | 130. | 150. | 195. | 730. | 87. | 37.52 | 80.07 | 1.56 |

# NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours
### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ALASKA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 009 Fairbanks | 001 | P01 | 7 | 34. | 34. | 43. | 49. | 59. | 120. | 120. | 120. | 120. | 61. | 31.07 | 54.89 | 1.59 |
| **ARIZONA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 012 Cochise Co | 006 | F02 | 2 | 10. | 10. | 10. | 10. | 30. | 30. | 30. | 30. | 30. |  |  |  |  |
| 013 Mohave Co | 006 | F02 | 15 | 5. | 6. | 10. | 13. | 23. | 27. | 47. | 47. | 47. | 17. | 11.38 | 13.59 | 1.96 |
| 014 Coconino Co | 004 | F02 | 14 | 3. | 5. | 10. | 10. | 17. | 25. | 28. | 28. | 28. | 14. | 7.69 | 11.28 | 1.99 |
| 015 Pinal Co | 001 | F02 | 11 | 3. | 5. | 10. | 18. | 21. | 45. | 46. | 46. | 46. | 21. | 15.23 | 15.02 | 2.50 |
| **ARKANSAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 016 Little Rock | 001 | P01 | 6 | 36. | 36. | 45. | 55. | 58. | 74. | 74. | 74. | 74. | 54. | 12.88 | 52.82 | 1.28 |
| 019 El Dorado | 002 | P01 | 6 | 6. | 6. | 23. | 26. | 38. | 43. | 43. | 43. | 43. | 28. | 13.20 | 24.35 | 2.01 |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 036 Denver | 001 | P01 | 4 | 3. | 3. | 34. | 34. | 39. | 39. | 39. | 39. | 39. |  |  |  |  |
|  | 002 | P01 | 14 | 39. | 40. | 45. | 52. | 58. | 67. | 82. | 82. | 82. | 55. | 12.03 | 53.40 | 1.24 |
| **CONNECTICUT** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 041 Colchester | 001 | F01 | 15 | 15. | 22. | 30. | 46. | 50. | 68. | 69. | 69. | 69. | 41. | 16.14 | 37.99 | 1.54 |
| 041 Groton | 001 | F01 | 14 | 19. | 20. | 30. | 37. | 45. | 66. | 89. | 89. | 89. | 43. | 20.65 | 38.20 | 1.62 |
| 041 Mansfield | 001 | F01 | 13 | 11. | 14. | 15. | 33. | 42. | 62. | 67. | 67. | 67. | 33. | 18.15 | 28.37 | 1.80 |
| 041 Norwich | 001 | F01 | 15 | 10. | 20. | 33. | 38. | 50. | 57. | 88. | 88. | 88. | 41. | 18.43 | 36.99 | 1.67 |
| 041 Putnam | 002 | F01 | 15 | 9. | 28. | 31. | 42. | 54. | 106. | 115. | 115. | 115. | 48. | 28.51 | 41.44 | 1.83 |
| 041 Voluntown | 001 | F03 | 15 | 6. | 7. | 13. | 14. | 23. | 42. | 51. | 51. | 51. | 20. | 12.86 | 16.91 | 1.82 |
| 041 Willimantic | 001 | F01 | 15 | 25. | 31. | 45. | 46. | 53. | 76. | 104. | 104. | 104. | 51. | 19.01 | 47.87 | 1.41 |
| 042 Berlin | 001 | F03 | 15 | 3. | 3. | 9. | 23. | 58. | 76. | 124. | 124. | 124. | 39. | 36.81 | 20.80 | 3.66 |
| 042 Bristol | 001 | F01 | 14 | 5. | 5. | 21. | 31. | 52. | 84. | 103. | 103. | 103. | 40. | 30.67 | 27.56 | 2.80 |
|  | 002 | H03 | 6 | 24. | 24. | 31. | 32. | 66. | 83. | 83. | 83. | 83. |  |  |  |  |
|  | 003 | H01 | 6 | 5. | 5. | 7. | 21. | 41. | 82. | 82. | 82. | 82. |  |  |  |  |
|  | 004 | F02 | 14 | 3. | 7. | 27. | 38. | 54. | 72. | 127. | 127. | 127. | 43. | 32.88 | 29.26 | 2.88 |
| 042 Burlington | 001 | F03 | 13 | 7. | 10. | 16. | 21. | 36. | 63. | 73. | 73. | 73. | 28. | 20.18 | 22.39 | 1.99 |
| 042 East Hartford | 001 | F01 | 15 | 7. | 8. | 39. | 48. | 61. | 71. | 126. | 126. | 126. | 50. | 30.31 | 38.46 | 2.36 |
|  | 002 | F01 | 15 | 3. | 40. | 56. | 67. | 84. | 128. | 137. | 137. | 137. | 72. | 33.49 | 57.60 | 2.54 |
| 042 Hartford | 002 | F01 | 13 | 29. | 42. | 54. | 66. | 88. | 96. | 125. | 125. | 125. | 70. | 25.53 | 65.33 | 1.47 |
| 042 Meriden | 002 | F01 | 13 | 6. | 11. | 24. | 44. | 61. | 64. | 74. | 74. | 74. | 41. | 22.09 | 33.38 | 2.16 |
| 042 Middletown | 003 | F01 | 14 | 3. | 29. | 42. | 53. | 56. | 106. | 127. | 127. | 127. | 55. | 30.97 | 43.55 | 2.50 |
| 042 Milford | 001 | F01 | 15 | 24. | 27. | 42. | 51. | 62. | 102. | 131. | 131. | 131. | 58. | 28.48 | 52.12 | 1.58 |
| 042 Naugatuck | 001 | F01 | 15 | 21. | 23. | 40. | 46. | 63. | 83. | 104. | 104. | 104. | 51. | 24.25 | 46.25 | 1.63 |
| 042 New Britain | 002 | F01 | 15 | 6. | 21. | 45. | 58. | 68. | 100. | 142. | 142. | 142. | 62. | 33.91 | 50.37 | 2.15 |
| 042 New Haven | 001 | F01 | 15 | 47. | 49. | 68. | 73. | 80. | 103. | 136. | 136. | 136. | 76. | 22.32 | 73.02 | 1.32 |
| 042 Old Saybrook | 001 | F01 | 15 | 22. | 38. | 44. | 49. | 67. | 86. | 86. | 86. | 86. | 56. | 19.51 | 53.02 | 1.45 |
| 042 Waterbury | 001 | F01 | 15 | 12. | 16. | 37. | 45. | 63. | 79. | 82. | 82. | 82. | 48. | 21.89 | 42.70 | 1.76 |
|  | 002 | F01 | 15 | 3. | 12. | 19. | 34. | 52. | 84. | 101. | 101. | 101. | 39. | 28.86 | 28.29 | 2.57 |
|  | 003 | F01 | 13 | 3. | 3. | 8. | 36. | 54. | 115. | 117. | 117. | 117. | 39. | 39.92 | 19.83 | 3.94 |
| 043 Bridgeport | 001 | F01 | 15 | 19. | 23. | 40. | 43. | 50. | 85. | 96. | 96. | 96. | 48. | 20.65 | 43.84 | 1.53 |
|  | 003 | F01 | 3 | 7. | 7. | 7. | 59. | 72. | 72. | 72. | 72. | 72. |  |  |  |  |
| 043 Danbury | 001 | F01 | 9 | 14. | 14. | 34. | 62. | 81. | 177. | 177. | 177. | 177. | 66. | 48.16 | 52.59 | 2.08 |
|  | 123 | F01 | 6 | 32. | 32. | 34. | 46. | 52. | 67. | 67. | 67. | 67. | 47. | 12.93 | 45.52 | 1.32 |
| 043 Greenwich | 001 | F01 | 14 | 3. | 8. | 19. | 21. | 27. | 37. | 52. | 52. | 52. | 23. | 12.67 | 18.71 | 2.11 |
|  | 004 | F01 | 13 | 13. | 21. | 31. | 41. | 61. | 77. | 82. | 82. | 82. | 45. | 21.94 | 39.84 | 1.73 |
| 043 Norwalk | 005 | F01 | 14 | 46. | 48. | 56. | 63. | 76. | 114. | 149. | 149. | 149. | 73. | 29.23 | 68.69 | 1.41 |
| 043 Stamford | 007 | F01 | 15 | 3. | 3. | 11. | 15. | 32. | 63. | 66. | 66. | 66. | 25. | 21.91 | 16.27 | 2.90 |
|  | 123 | F01 | 15 | 24. | 34. | 43. | 66. | 76. | 118. | 123. | 123. | 123. | 65. | 28.57 | 59.57 | 1.57 |
| 043 Stratford | 005 | F01 | 15 | 38. | 39. | 53. | 57. | 74. | 91. | 150. | 150. | 150. | 67. | 28.56 | 62.25 | 1.45 |
| 044 Kent | 001 | F03 | 15 | 5. | 6. | 10. | 14. | 21. | 45. | 50. | 50. | 50. | 18. | 13.64 | 14.20 | 2.00 |
| 044 Litchfield | 001 | F01 | 15 | 3. | 13. | 27. | 39. | 47. | 75. | 107. | 107. | 107. | 40. | 26.30 | 30.83 | 2.42 |
| 044 Torrington | 001 | F01 | 15 | 18. | 27. | 45. | 59. | 71. | 95. | 115. | 115. | 115. | 58. | 25.32 | 52.65 | 1.62 |
| **FLORIDA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 005 Panama City | 003 | F01 | 4 | 3. | 3. | 8. | 8. | 23. | 38. | 38. | 38. | 38. |  |  |  |  |
| 005 Pensacola | 002 | F01 | 1 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  |  |  |  |
|  | 003 | F03 | 3 | 3. | 3. | 3. | 6. | 33. | 33. | 33. | 33. | 33. |  |  |  |  |
| 049 Jacksonville | 004 | H01 | 8 | 17. | 17. | 29. | 36. | 46. | 51. | 51. | 51. | 51. | 37. | 12.37 | 34.42 | 1.47 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **FLORIDA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 017 | H01 | 6 | 18. | 18. | 22. | 26. | 36. | 40. | 40. | 40. | 40. | 29. | 8.61 | 28.16 | 1.37 |
|  | 031 | H01 | 8 | 3. | 3. | 10. | 12. | 16. | 35. | 35. | 35. | 35. | 14. | 10.44 | 10.41 | 2.59 |
|  | 032 | H01 | 8 | 25. | 25. | 30. | 35. | 39. | 61. | 61. | 61. | 61. | 37. | 11.62 | 35.41 | 1.34 |
|  | 033 | H01 | 8 | 3. | 3. | 32. | 33. | 46. | 59. | 59. | 59. | 59. | 36. | 18.18 | 27.34 | 2.76 |
|  | 038 | H01 | 7 | 13. | 13. | 29. | 33. | 34. | 56. | 56. | 56. | 56. | 32. | 13.77 | 29.58 | 1.60 |
|  | 039 | H01 | 7 | 27. | 27. | 34. | 46. | 49. | 55. | 55. | 55. | 55. | 42. | 11.15 | 40.53 | 1.33 |
|  | 040 | H01 | 8 | 18. | 18. | 27. | 29. | 36. | 42. | 42. | 42. | 42. | 30. | 8.51 | 28.85 | 1.36 |
|  | 045 | H01 | 7 | 11. | 11. | 20. | 23. | 32. | 40. | 40. | 40. | 40. | 26. | 11.03 | 23.33 | 1.61 |
|  | 049 | H01 | 8 | 22. | 22. | 31. | 34. | 44. | 46. | 46. | 46. | 46. | 36. | 9.87 | 34.82 | 1.35 |
| 050 Boca Raton | 003 | G01 | 10 | 3. | 3. | 3. | 3. | 6. | 19. | 26. | 26. | 26. | 8. | 8.73 | 5.00 | 2.64 |
| 050 Dade Co | 002 | G01 | 15 | 3. | 3. | 15. | 16. | 18. | 24. | 28. | 28. | 28. | 15. | 7.06 | 13.01 | 2.07 |
| 050 Fort Pierce | 002 | F03 | 6 | 9. | 9. | 11. | 14. | 16. | 17. | 17. | 17. | 17. | 14. | 3.21 | 13.53 | 1.29 |
| 050 Miami | 002 | G01 | 15 | 9. | 17. | 23. | 29. | 38. | 72. | 97. | 97. | 97. | 37. | 23.75 | 30.87 | 1.85 |
|  | 007 | G01 | 3 | 3. | 3. | 3. | 5. | 5. | 5. | 5. | 5. | 5. | 4. | 1.67 | 4.18 | 1.56 |
| 050 Miami Beach | 007 | G01 | 9 | 6. | 6. | 8. | 9. | 10. | 58. | 58. | 58. | 58. | 14. | 16.58 | 10.21 | 1.96 |
| 050 North Miami Beach | 001 | G01 | 15 | 8. | 8. | 15. | 17. | 20. | 31. | 53. | 53. | 53. | 20. | 11.55 | 17.13 | 1.70 |
| 050 Perrine | 001 | G01 | 14 | 3. | 3. | 9. | 12. | 15. | 25. | 34. | 34. | 34. | 13. | 9.20 | 9.99 | 2.38 |
| 050 West Palm Beach | 002 | G01 | 12 | 3. | 3. | 5. | 8. | 10. | 18. | 20. | 20. | 20. | 9. | 5.71 | 6.86 | 2.06 |
| 052 Brandon | 001 | G01 | 13 | 19. | 23. | 26. | 30. | 36. | 36. | 39. | 39. | 39. | 30. | 5.89 | 29.80 | 1.23 |
| 052 Hillsborough Co | 064 | G02 | 12 | 19. | 34. | 36. | 41. | 62. | 70. | 77. | 77. | 77. | 50. | 17.97 | 46.32 | 1.50 |
|  | 066 | G02 | 12 | 13. | 34. | 38. | 51. | 60. | 64. | 66. | 66. | 66. | 48. | 16.08 | 44.59 | 1.58 |
| 052 Tampa | 002 | G02 | 6 | 30. | 30. | 39. | 70. | 109. | 118. | 118. | 118. | 118. | 77. | 36.98 | 68.61 | 1.77 |
|  | 021 | G02 | 1 | 71. | 71. | 71. | 71. | 71. | 71. | 71. | 71. | 71. | 71. |  | 71.44 |  |
|  | 022 | G02 | 9 | 32. | 32. | 38. | 68. | 75. | 96. | 96. | 96. | 96. | 60. | 22.94 | 56.23 | 1.51 |
|  | 024 | G02 | 13 | 26. | 39. | 45. | 51. | 62. | 75. | 92. | 92. | 92. | 54. | 16.89 | 52.00 | 1.37 |
|  | 030 | G01 | 6 | 17. | 17. | 24. | 26. | 51. | 70. | 70. | 70. | 70. | 36. | 19.85 | 32.40 | 1.68 |
|  | 034 | G02 | 12 | 6. | 6. | 11. | 19. | 23. | 34. | 39. | 39. | 39. | 20. | 10.89 | 16.86 | 1.90 |
|  | 035 | G02 | 10 | 24. | 24. | 26. | 38. | 45. | 53. | 62. | 62. | 62. | 39. | 12.64 | 37.49 | 1.38 |
| **GEORGIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 002 Columbus | 003 | F01 | 13 | 3. | 9. | 24. | 29. | 33. | 41. | 46. | 46. | 46. | 27. | 12.51 | 22.32 | 2.22 |
| 049 Brunswick | 001 | F01 | 15 | 3. | 3. | 9. | 15. | 19. | 28. | 46. | 46. | 46. | 16. | 10.96 | 12.71 | 2.25 |
|  | 003 | F01 | 15 | 3. | 10. | 14. | 17. | 26. | 29. | 39. | 39. | 39. | 19. | 9.31 | 16.51 | 1.93 |
| 053 Augusta | 001 | F01 | 14 | 16. | 20. | 26. | 34. | 38. | 54. | 64. | 64. | 64. | 35. | 13.75 | 32.58 | 1.49 |
|  | 004 | F01 | 15 | 10. | 18. | 28. | 31. | 36. | 57. | 71. | 71. | 71. | 33. | 15.43 | 29.89 | 1.62 |
| 054 Lyons | 002 | F01 | 13 | 3. | 3. | 3. | 3. | 15. | 19. | 20. | 20. | 20. | 8. | 7.33 | 5.70 | 2.58 |
| 054 Macon | 005 | F01 | 11 | 19. | 25. | 31. | 34. | 42. | 47. | 51. | 51. | 51. | 36. | 9.77 | 34.36 | 1.34 |
|  | 006 | F01 | 11 | 9. | 14. | 26. | 33. | 36. | 39. | 44. | 44. | 44. | 29. | 11.16 | 26.39 | 1.64 |
|  | 007 | F01 | 12 | 9. | 12. | 20. | 25. | 27. | 32. | 54. | 54. | 54. | 25. | 11.80 | 22.11 | 1.63 |
|  | 008 | F01 | 11 | 21. | 23. | 27. | 31. | 35. | 44. | 69. | 69. | 69. | 34. | 13.53 | 32.23 | 1.40 |
| 055 Rome | 001 | F01 | 15 | 10. | 19. | 32. | 32. | 38. | 46. | 48. | 48. | 48. | 33. | 9.71 | 31.47 | 1.47 |
|  | 003 | F01 | 14 | 8. | 14. | 18. | 24. | 25. | 31. | 34. | 34. | 34. | 22. | 7.08 | 21.15 | 1.45 |
| 055 Rossville | 002 | F01 | 11 | 7. | 13. | 20. | 23. | 33. | 48. | 58. | 58. | 58. | 27. | 15.01 | 23.82 | 1.79 |
| 056 Atlanta | 001 | G01 | 7 | 42. | 42. | 51. | 54. | 57. | 64. | 64. | 64. | 64. | 54. | 7.83 | 53.79 | 1.16 |
|  | 031 | G01 | 14 | 3. | 11. | 17. | 18. | 29. | 37. | 44. | 44. | 44. | 23. | 11.38 | 19.06 | 2.03 |
|  | 035 | G01 | 14 | 33. | 36. | 45. | 46. | 50. | 53. | 67. | 67. | 67. | 47. | 8.04 | 46.73 | 1.19 |
|  | 036 | G02 | 14 | 17. | 25. | 28. | 35. | 40. | 48. | 51. | 51. | 51. | 35. | 10.00 | 33.50 | 1.36 |
|  | 038 | G02 | 14 | 21. | 24. | 33. | 37. | 41. | 61. | 79. | 79. | 79. | 41. | 15.89 | 38.51 | 1.45 |
|  | 039 | G01 | 12 | 38. | 41. | 51. | 52. | 73. | 75. | 75. | 75. | 75. | 57. | 13.56 | 55.79 | 1.27 |
|  | 041 | G01 | 11 | 26. | 38. | 42. | 46. | 52. | 63. | 68. | 68. | 68. | 47. | 11.72 | 45.80 | 1.30 |
|  | 042 | G02 | 14 | 7. | 26. | 37. | 42. | 45. | 58. | 60. | 60. | 60. | 40. | 14.19 | 36.68 | 1.72 |
| 056 Hapeville | 001 | G01 | 14 | 24. | 27. | 37. | 42. | 48. | 67. | 70. | 70. | 70. | 44. | 14.83 | 41.74 | 1.41 |
| 057 Gainesville | 001 | F01 | 11 | 6. | 14. | 18. | 20. | 28. | 39. | 39. | 39. | 39. | 23. | 10.29 | 20.25 | 1.69 |
| 058 Savannah | 002 | F01 | 14 | 3. | 15. | 24. | 25. | 38. | 64. | 160. | 160. | 160. | 38. | 38.09 | 26.89 | 2.49 |
|  | 009 | F01 | 13 | 8. | 10. | 12. | 15. | 23. | 30. | 48. | 48. | 48. | 19. | 11.06 | 16.83 | 1.65 |
|  | 010 | F01 | 13 | 12. | 14. | 19. | 21. | 30. | 36. | 48. | 48. | 48. | 25. | 10.07 | 23.27 | 1.48 |
|  | 011 | F01 | 14 | 15. | 16. | 25. | 31. | 38. | 42. | 54. | 54. | 54. | 32. | 11.38 | 29.49 | 1.48 |
| 059 Albany | 002 | F01 | 12 | 11. | 15. | 19. | 22. | 27. | 33. | 43. | 43. | 43. | 24. | 8.67 | 22.75 | 1.44 |
|  | 003 | F01 | 13 | 13. | 14. | 17. | 19. | 20. | 25. | 26. | 26. | 26. | 19. | 3.82 | 18.76 | 1.22 |
| 059 Valdosta | 002 | F01 | 15 | 3. | 8. | 16. | 20. | 26. | 41. | 45. | 45. | 45. | 23. | 12.03 | 18.65 | 2.08 |
| **ILLINOIS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 065 Peoria | 001 | P01 | 7 | 29. | 29. | 47. | 56. | 56. | 70. | 70. | 70. | 70. | 53. | 14.29 | 50.98 | 1.35 |
| 067 Chicago | 001 | P01 | 6 | 53. | 53. | 54. | 74 | 88. | 93. | 93. | 93. | 93. | 73. | 16.71 | 71.33 | 1.27 |
|  | 002 | P01 | 7 | 80. | 80. | 93. | 94. | 95. | 130. | 130. | 130. | 130. | 97. | 16.53 | 96.19 | 1.17 |
| 073 Rockford | 001 | P01 | 7 | 17. | 17. | 27. | 34. | 40. | 52. | 52. | 52. | 52. | 34. | 12.39 | 31.49 | 1.49 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

1975 First Quarter

| Site location | Site No. | Agl proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **INDIANA** | | | | | | | | | | | | | | | | |
| 067 East Chicago | 001 | F01 | 8 | 41. | 41. | 45. | 47. | 60. | 72. | 72. | 72. | 72. | 54. | 12.36 | 53.07 | 1.25 |
| 067 Gary | 001 | F01 | 7 | 28. | 28. | 42. | 53. | 55. | 70. | 70. | 70. | 70. | 50. | 16.85 | 47.09 | 1.44 |
| 067 Hammond | 001 | F01 | 8 | 32. | 32. | 45. | 47. | 60. | 88. | 88. | 88. | 88. | 54. | 17.51 | 51.29 | 1.37 |
| 077 Evansville | 006 | F01 | 7 | 28. | 28. | 38. | 39. | 40. | 48. | 48. | 48. | 48. | 38. | 6.40 | 37.81 | 1.19 |
| 080 Indianapolis | 001 | F01 | 5 | 43. | 43. | 44. | 51. | 59. | 85. | 85. | 85. | 85. | 57. | 16.89 | 55.06 | 1.31 |
| 081 Fort Wayne | 002 | F01 | 8 | 34. | 34. | 37. | 43. | 44. | 54. | 54. | 54. | 54. | 42. | 6.69 | 41.67 | 1.17 |
| 082 South Bend | 002 | F01 | 7 | 32. | 32. | 42. | 50. | 51. | 70. | 70. | 70. | 70. | 49. | 14.01 | 46.99 | 1.34 |
| 083 Monroe Co | 001 | F03 | 8 | 5. | 5. | 7. | 8. | 16. | 29. | 29. | 29. | 29. | 13. | 8.48 | 10.68 | 1.93 |
| **LOUISIANA** | | | | | | | | | | | | | | | | |
| 022 Shreveport | 001 | F01 | 7 | 31. | 31. | 31. | 36. | 44. | 58. | 58. | 58. | 58. | 41. | 11.89 | 39.53 | 1.32 |
| 106 Baton Rouge | 002 | F01 | 7 | 18. | 18. | 38. | 50. | 59. | 99. | 99. | 99. | 99. | 53. | 28.14 | 46.07 | 1.82 |
| 106 Iberville Par | 001 | F03 | 5 | 10. | 10 | 10. | 12. | 40. | 50. | 50. | 50. | 50. | 24. | 19.34 | 18.74 | 2.24 |
| 106 New Orleans | 002 | F01 | 7 | 10. | 10. | 46. | 68. | 80. | 127. | 127. | 127. | 127. | 67. | 37.82 | 54.22 | 2.28 |
| **MAINE** | | | | | | | | | | | | | | | | |
| 109 Acadia Nat Park | 001 | F03 | 8 | 3. | 3. | 3. | 3. | 8. | 21. | 21. | 21. | 21. | 7. | 7.54 | [illegible] | 2.56 |
| 109 Bangor | 001 | F01 | 10 | 3. | 3. | 20. | 35. | 52. | 54. | 58. | 58. | 58. | 37. | 18.45 | 28.99 | 2.58 |
| **MARYLAND** | | | | | | | | | | | | | | | | |
| 047 Cheverly | 001 | G01 | 12 | 38. | 42. | 48. | 52. | 60. | 73. | 83. | 83. | 83. | 56. | 13.79 | 54.04 | 1.27 |
| 047 Gaithersburg | 003 | G01 | 15 | 24. | 26. | 31. | 33. | 54. | 79. | 103. | 103. | 103. | 45. | 22.14 | 41.12 | 1.54 |
| 047 Montgomery Co | 010 | F01 | 15 | 12. | 15. | 20. | 26. | 39. | 58. | 59. | 59. | 59. | 30. | 15.48 | 26.78 | 1.66 |
| 047 Prince Georges Co | 001 | G01 | 12 | 5. | 16. | 17. | 26. | 31. | 49. | 52. | 52. | 52. | 27. | 13.85 | 23.56 | 1.87 |
| | 012 | G01 | 10 | 7. | 7. | 23. | 27. | 29. | 44. | 53. | 53. | 53. | 29. | 12.85 | 26.20 | 1.74 |
| | 018 | G01 | 11 | 11. | 12. | 19. | 24. | 35. | 38. | 52. | 52. | 52. | 27. | 12.84 | 24.24 | 1.66 |
| | 019 | G01 | 10 | 6. | 6. | 30. | 37. | 40. | 51. | 67. | 67. | 67. | 37. | 16.92 | 31.96 | 1.96 |
| | 020 | G01 | 11 | 35. | 36. | 40. | 44. | 58. | 64. | 66. | 66. | 66. | 49. | 11.98 | 47.87 | 1.28 |
| | 021 | G01 | 10 | 7. | 7. | 25. | 30. | 43. | 48. | 56. | 56. | 56. | 34. | 14.54 | 29.96 | 1.82 |
| 047 Rockville | 002 | G01 | 15 | 16. | 22. | 29. | 39. | 41. | 59. | 82. | 82. | 82. | 40. | 16.93 | 37.17 | 1.52 |
| 047 Silver Spring | 005 | G01 | 15 | 28. | 28. | 39. | 65. | 77. | 99. | 150. | 150. | 150. | 62. | 33.74 | 55.04 | 1.68 |
| | 007 | G01 | 13 | 15. | 16. | 24. | 45. | 60. | 97. | 114. | 114. | 114. | 51. | 32.18 | 41.59 | 1.98 |
| 112 Frederick | 001 | F01 | 15 | 20. | 25. | 34. | 41. | 50. | 58. | 59. | 59. | 59. | 41. | 12.35 | 39.15 | 1.38 |
| | 003 | G01 | 13 | 3. | 5. | 8. | 21. | 37. | 48. | 75. | 75. | 75. | 27. | 21.72 | 17.53 | 2.87 |
| | 004 | G01 | 15 | 20. | 20. | 34. | 39. | 55. | 67. | 70. | 70. | 70. | 45. | 16.48 | 41.51 | 1.50 |
| 112 Frederick Co | 021 | F01 | 15 | 11. | 12. | 16. | 22. | 25. | 38. | 42. | 42. | 42. | 22. | 8.77 | 20.80 | 1.46 |
| | 022 | G01 | 15 | 19. | 23. | 26. | 26. | 49. | 61. | 72. | 72. | 72. | 38. | 16.83 | 34.37 | 1.53 |
| | 023 | G01 | 15 | 19. | 19. | 23. | 31. | 58. | 76. | 82. | 82. | 82. | 42. | 21.97 | 36.69 | 1.70 |
| | 024 | G01 | 15 | 10. | 14. | 18. | 24. | 30. | 40. | 44. | 44. | 44. | 26. | 10.18 | 23.66 | 1.52 |
| 113 Allegany Co | 002 | G01 | 13 | 21. | 23. | 29. | 41. | 44. | 51. | 57. | 57. | 57. | 38. | 11.17 | 36.35 | 1.38 |
| 113 Cumberland | 001 | G01 | 14 | 33. | 35. | 41. | 45. | 64. | 75. | 81. | 81. | 81. | 53. | 16.47 | 50.71 | 1.37 |
| 113 Garrett Co | 001 | F01 | 14 | 13. | 16. | 21. | 26. | 31. | 50. | 55. | 55. | 55. | 29. | 12.47 | 26.34 | 1.53 |
| | 003 | F03 | 15 | 9. | 9. | 10. | 13. | 19. | 25. | 26. | 26. | 26. | 15. | 5.84 | 14.17 | 1.45 |
| 113 Hagerstown | 002 | F01 | 15 | 8. | 23. | 29. | 30. | 34. | 37. | 50. | 50. | 50. | 30. | 8.83 | 28.71 | 1.49 |
| 113 Westernport | 003 | F01 | 15 | 17. | 17. | 21. | 30. | 37. | 46. | 48. | 48. | 48. | 30. | 11.45 | 28.25 | 1.47 |
| 114 Cambridge | 001 | F01 | 13 | 3. | 8. | 20. | 27. | 33. | 37. | 43. | 43. | 43. | 25. | 12.29 | 20.20 | 2.25 |
| 114 Dorchester Co | 001 | F02 | 15 | 11. | 12. | 17. | 22. | 32. | 42. | 58. | 58. | 58. | 26. | 12.93 | 23.31 | 1.62 |
| 114 Elkton | 001 | F01 | 15 | 3. | 17. | 35. | 40. | 51. | 57. | 73. | 73. | 73. | 41. | 17.09 | 34.17 | 2.22 |
| 114 Salisbury | 002 | F01 | 12 | 20. | 22. | 26. | 38. | 44. | 50. | 52. | 52. | 52. | 36. | 10.88 | 34.71 | 1.38 |
| 115 Annapolis | 002 | G01 | 15 | 25. | 26. | 37. | 45. | 55. | 70. | 154. | 154. | 154. | 52. | 31.10 | 46.48 | 1.57 |
| 115 Anne Arundel Co | 002 | G01 | 15 | 7. | 10. | 30. | 38. | 51. | 61. | 82. | 82. | 82. | 40. | 20.06 | 33.80 | 1.96 |
| | 003 | G01 | 14 | 22. | 30. | 37. | 47. | 67. | 81. | 88. | 88. | 88. | 53. | 20.73 | 49.06 | 1.52 |
| | 006 | G01 | 13 | 22. | 24. | 26. | 42. | 51. | 58. | 74. | 74. | 74. | 42. | 15.88 | 39.27 | 1.48 |
| | 008 | G01 | 15 | 12. | 17. | 25. | 30. | 49. | 56. | 74. | 74. | 74. | 35. | 17.52 | 31.64 | 1.65 |
| 115 Baltimore | 001 | F01 | 1 | 92. | 92. | 92. | 92. | 92. | 92. | 92. | 92. | 92. | | | | |
| | 006 | H01 | 12 | 32. | 37. | 43. | 54. | 74. | 92. | 124. | 124. | 124. | 63. | 27.14 | 58.39 | 1.51 |
| | 007 | H01 | 11 | 6. | 8. | 12. | 14. | 35. | 58. | 82. | 82. | 82. | 27. | 25.34 | 18.85 | 2.43 |
| | 018 | F01 | 14 | 44. | 46. | 58. | 65. | 76. | 88. | 130. | 130. | 130. | 71. | 22.18 | 68.09 | 1.34 |
| | 021 | G01 | 14 | 15. | 28. | 39. | 45. | 51. | 59. | 69. | 69. | 69. | 44. | 14.61 | 40.93 | 1.49 |
| | 023 | F01 | 15 | 41. | 45. | 53. | 65. | 71. | 86. | 98. | 98. | 98. | 65. | 16.50 | 62.92 | [illegible] |
| | 024 | F01 | 15 | 5. | 36. | 59. | 70. | 76. | 84. | 118. | 118. | 118. | 65. | 25.31 | 56.45 | 2.07 |
| | 025 | F01 | 15 | 19. | 40. | 52. | 57. | 65. | 81. | 102. | 102. | 102. | 59. | 19.62 | 55.42 | 1.47 |
| 115 Baltimore Co | 002 | F01 | 15 | 18. | 19. | 29. | 37. | 50. | 59. | 59. | 59. | 59. | 39. | 14.43 | 36.10 | 1.49 |
| | 003 | G01 | 13 | 34. | 36. | 38. | 46. | 70. | 79. | 88. | 88. | 88. | 54. | 19.80 | 51.54 | 1.41 |
| | 004 | G01 | 13 | 7. | 8. | 13. | 15. | 17. | 36. | 38. | 38. | 38. | 19. | 10.55 | 16.35 | 1.70 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MARYLAND — Cont.** | | | | | | | | | | | | | | | | |
| 115 Bel Air | 001 | F01 | 15 | 20. | 25. | 33. | 44. | 55. | 64. | 96. | 96. | 96. | 46. | 19.52 | 42.12 | 1.52 |
| 115 Cockeysville | 001 | G01 | 15 | 7. | 9. | 12. | 23. | 33. | 49. | 78. | 78. | 78. | 28. | 19.32 | 22.47 | 2.00 |
| 115 Dundalk | 001 | F01 | 15 | 42. | 45. | 45. | 55. | 57. | 68. | 75. | 75. | 75. | 55. | 10.33 | 54.20 | 1.20 |
| 115 Essex | 001 | G01 | 15 | 39. | 41. | 56. | 59. | 74. | 84. | 100. | 100. | 100. | 63. | 17.59 | 60.41 | 1.33 |
| 115 Harford Co | 002 | F01 | 15 | 10. | 12. | 19. | 29. | 36. | 42. | 70. | 70. | 70. | 30. | 15.08 | 26.54 | 1.67 |
| 115 Howard Co | 003 | F01 | 15 | 15. | 16. | 28. | 51. | 53. | 68. | 92. | 92. | 92. | 43. | 21.38 | 38.19 | 1.71 |
| 115 Lansdowne-Baltimore Highln | 001 | F01 | 14 | 9. | 29. | 42. | 49. | 73. | 89. | 98. | 98. | 98. | 56. | 25.52 | 48.45 | 1.86 |
| 115 Riviera Beach | 002 | G01 | 15 | 16. | 21. | 32. | 37. | 41. | 59. | 75. | 75. | 75. | 40. | 15.07 | 37.10 | 1.48 |
| 115 Towson | 001 | G01 | 10 | 47. | 47. | 54. | 67. | 68. | 88. | 110. | 110. | 110. | 69. | 18.52 | 66.71 | 1.28 |
| 115 Westminster | 002 | F01 | 15 | 13. | 13. | 20. | 24. | 42. | 55. | 66. | 66. | 66. | 30. | 16.00 | 26.92 | 1.66 |
| 116 Calvert Co | 002 | F01 | 13 | 10. | 10. | 13. | 21. | 27. | 41. | 56. | 56. | 56. | 24. | 13.46 | 20.86 | 1.72 |
| 116 Charles Co | 001 | F01 | 3 | 7. | 7. | 7. | 14. | 31. | 31. | 31. | 31. | 31. | | | | |
| 116 St Marys Co | 001 | F01 | 8 | 12. | 12. | 15. | 22. | 48. | 53. | 53. | 53. | 53. | 31. | 17.87 | 25.93 | 1.88 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | |
| 042 Chicopee | 001 | F01 | 14 | 41. | 47. | 58. | 64. | 77. | 90. | 98. | 98. | 98. | 66. | 17.33 | 64.10 | 1.30 |
| | 003 | F01 | 15 | 19. | 19. | 24. | 56. | 66. | 113. | 118. | 118. | 118. | 52. | 32.78 | 43.20 | 1.91 |
| 042 Greenfield | 001 | F01 | 11 | 26. | 53. | 62. | 71. | 79. | 96. | 105. | 105. | 105. | 71. | 21.98 | 66.93 | 1.46 |
| 042 Holyoke | 004 | F01 | 15 | 28. | 39. | 53. | 60. | 75. | 122. | 156. | 156. | 156. | 72. | 34.32 | 64.98 | 1.57 |
| 042 Springfield | 002 | F01 | 15 | 38. | 45. | 68. | 83. | 100. | 117. | 117. | 117. | 117. | 83. | 25.26 | 78.94 | 1.41 |
| | 003 | F01 | 15 | 32. | 49. | 70. | 77. | 96. | 118. | 133. | 133. | 133. | 81. | 26.89 | 76.66 | 1.44 |
| | 005 | F01 | 15 | 68. | 75. | 83. | 103. | 126. | 141. | 177. | 177. | 177. | 107. | 29.99 | 103.48 | 1.31 |
| 117 Adams | 001 | F01 | 13 | 17. | 19. | 26. | 41. | 58. | 77. | 111. | 111. | 111. | 46. | 26.95 | 40.00 | 1.77 |
| 117 Lee | 001 | F01 | 13 | 3. | 6. | 24. | 28. | 49. | 68. | 77. | 77. | 77. | 35. | 22.66 | 26.20 | 2.63 |
| 117 North Adams | 001 | F01 | 13 | 11. | 15. | 24. | 39. | 47. | 66. | 66. | 66. | 66. | 38. | 17.40 | 33.38 | 1.72 |
| 117 Pittsfield | 002 | F01 | 12 | 15. | 17. | 34. | 36. | 51. | 66. | 90. | 90. | 90. | 42. | 21.53 | 36.80 | 1.73 |
| | 004 | F01 | 13 | 24. | 26. | 38. | 55. | 73. | 102. | 111. | 111. | 111. | 58. | 28.21 | 51.88 | 1.64 |
| 118 Athol | 001 | F01 | 12 | 23. | 24. | 36. | 47. | 58. | 73. | 83. | 83. | 83. | 49. | 18.93 | 45.68 | 1.51 |
| 118 Fitchburg | 002 | F01 | 11 | 11. | 19. | 47. | 70. | 71. | 85. | 90. | 90. | 90. | 59. | 26.28 | 51.05 | 1.96 |
| | 003 | F01 | 13 | 17. | 23. | 43. | 62. | 86. | 98. | 113. | 113. | 113. | 62. | 30.94 | 53.28 | 1.82 |
| | 004 | F01 | 13 | 3. | 24. | 43. | 62. | 92. | 100. | 124. | 124. | 124. | 65. | 34.42 | 49.31 | 2.75 |
| 118 Warren | 001 | F01 | 13 | 13. | 17. | 26. | 39. | 62. | 86. | 126. | 126. | 126. | 47. | 31.87 | 38.64 | 1.92 |
| 118 Worchester | 004 | F01 | 13 | 13. | 43. | 60. | 73. | 86. | 118. | 132. | 132. | 132. | 74. | 32.34 | 65.58 | 1.80 |
| | 008 | F01 | 13 | 23. | 28. | 39. | 56. | 73. | 92. | 96. | 96. | 96. | 57. | 24.85 | 51.89 | 1.60 |
| | 012 | F01 | 12 | 51. | 56. | 77. | 81. | 88. | 103. | 113. | 113. | 113. | 82. | 17.34 | 80.44 | 1.25 |
| 119 Boston | 001 | F01 | 10 | 6. | 6. | 71. | 85. | 102. | 135. | 164. | 164. | 164. | 86. | 47.08 | 64.55 | 2.74 |
| | 002 | F01 | 12 | 77. | 83. | 88. | 92. | 111. | 113. | 124. | 124. | 124. | 98. | 15.02 | 97.18 | 1.17 |
| | 012 | F01 | 8 | 11. | 11. | 47. | 60. | 66. | 75. | 75. | 75. | 75. | 51. | 24.42 | 42.15 | 2.10 |
| 119 Brookline | 001 | F01 | 11 | 8. | 51. | 58. | 62. | 73. | 90. | 109. | 109. | 109. | 64. | 25.66 | 55.20 | 2.02 |
| 119 Cambridge | 001 | F01 | 5 | 11. | 11. | 13. | 55. | 79. | 83. | 83. | 83. | 83. | 48. | 34.53 | 35.05 | 2.66 |
| | 004 | F01 | 11 | 32. | 45. | 70. | 86. | 94. | 98. | 109. | 109. | 109. | 79. | 23.59 | 74.95 | 1.45 |
| 119 Framingham | 001 | F01 | 11 | 23. | 32. | 49. | 51. | 79. | 103. | 122. | 122. | 122. | 63. | 32.76 | 55.51 | 1.71 |
| 119 Lynn | 001 | F01 | 7 | 9. | 9. | 32. | 51. | 118. | 160. | 160. | 160. | 160. | 75. | 58.61 | 51.98 | 2.78 |
| 119 Marblehead | 001 | F01 | 12 | 19. | 24. | 26. | 38. | 56. | 85. | 88. | 88. | 88. | 45. | 22.94 | 40.30 | 1.64 |
| 119 Maynard | 001 | F01 | 9 | 8. | 8. | 19. | 30. | 34. | 92. | 92. | 92. | 92. | 32. | 24.75 | 25.84 | 2.01 |
| 119 Medford | 002 | F01 | 12 | 34. | 62. | 68. | 73. | 113. | 130. | 132. | 132. | 132. | 87. | 31.19 | 81.15 | 1.48 |
| | 003 | F01 | 12 | 51. | 71. | 86. | 103. | 107. | 130. | 133. | 133. | 133. | 99. | 23.38 | 96.08 | 1.31 |
| 119 Needham | 002 | F01 | 7 | 30. | 30. | 47. | 51. | 58. | 100. | 100. | 100. | 100. | 57. | 26.69 | 52.40 | 1.59 |
| 119 Norwood | 001 | F01 | 10 | 38. | 38. | 45. | 55. | 70. | 83. | 90. | 90. | 90. | 61. | 18.12 | 58.35 | 1.35 |
| 119 Quincy | 002 | F01 | 11 | 34. | 55. | 71. | 75. | 81. | 96. | 105. | 105. | 105. | 74. | 19.73 | 70.83 | 1.36 |
| | 005 | F01 | 8 | 13. | 13. | 39. | 39. | 70. | 81. | 81. | 81. | 81. | 51. | 23.32 | 45.13 | 1.81 |
| 119 Revere | 002 | F01 | 12 | 15. | 38. | 62. | 73. | 88. | 118. | 118. | 118. | 118. | 75. | 29.78 | 67.45 | 1.76 |
| 119 Waltham | 004 | F01 | 10 | 34. | 34. | 55. | 64. | 77. | 124. | 126. | 126. | 126. | 73. | 31.62 | 66.91 | 1.54 |
| 119 Woburn | 002 | F01 | 12 | 32. | 39. | 55. | 62. | 79. | 81. | 85. | 85. | 85. | 62. | 17.81 | 59.08 | 1.38 |
| 120 Attleboro | 002 | F01 | 12 | 9. | 24. | 34. | 41. | 47. | 53. | 66. | 66. | 66. | 40. | 14.61 | 36.66 | 1.65 |
| 120 Fall River | 004 | F01 | 9 | 24. | 24. | 38. | 51. | 58. | 68. | 68. | 68. | 68. | 47. | 13.45 | 45.53 | 1.37 |
| 120 Falmouth | 001 | F01 | 13 | 3. | 8. | 17. | 26. | 30. | 34. | 39. | 39. | 39. | 23. | 10.74 | 19.62 | 2.13 |
| 120 New Bedford | 002 | F01 | 11 | 15. | 17. | 24. | 28. | 47. | 53. | 56. | 56. | 56. | 33. | 15.09 | 30.03 | 1.61 |
| 120 Plymouth | 001 | F01 | 12 | 8. | 11. | 23. | 26. | 45. | 51. | 53. | 53. | 53. | 32. | 16.03 | 26.91 | 1.92 |
| 121 Ayer | 001 | F01 | 14 | 3. | 15. | 49. | 55. | 71. | 81. | 81. | 81. | 81. | 52. | 24.26 | 41.17 | 2.54 |
| 121 Haverhill | 001 | F01 | 11 | 19. | 28. | 36. | 45. | 73. | 83. | 105. | 105. | 105. | 55. | 27.29 | 48.41 | 1.70 |
| 121 Lawrence | 003 | F01 | 14 | 6. | 6. | 28. | 49. | 53. | 64. | 73. | 73. | 73. | 40. | 21.21 | 31.99 | 2.31 |
| 121 Lowell | 001 | F01 | 15 | 15. | 21. | 51. | 62. | 77. | 102. | 118. | 118. | 118. | 63. | 28.05 | 55.42 | 1.76 |
| | 003 | F01 | 15 | 24. | 41. | 45. | 60. | 71. | 102. | 117. | 117. | 117. | 64. | 25.74 | 59.45 | 1.51 |
| | 004 | F01 | 15 | 34. | 45. | 66. | 79. | 85. | 100. | 179. | 179. | 179. | 80. | 33.40 | 74.47 | 1.47 |
| 121 Newburyport | 002 | F01 | 14 | 11. | 13. | 32. | 36. | 45. | 70. | 86. | 86. | 86. | 39. | 22.73 | 32.92 | 1.92 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

1975 Final Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **MICHIGAN** | | | | | | | | | | | | | | | | |
| 122 Flint | 006 | F01 | 14 | 3. | 3. | 21. | 28. | 37. | 71. | 87. | 87. | 87. | 33. | 26.75 | 19.94 | 3.55 |
| | 008 | F01 | 14 | 10. | 13. | 42. | 50. | 57. | 82. | 93. | 93. | 93. | 48. | 23.48 | 41.09 | 1.90 |
| | 008 | P01 | 7 | 5. | 5. | 48. | 49. | 65. | 78. | 78. | 78. | 78. | 50. | 25.04 | 38.85 | 2.59 |
| 122 Grand Rapids | 001 | P01 | 8 | 37. | 37. | 42. | 50. | 54. | 80. | 80. | 80. | 80. | 52. | 14.18 | 50.59 | 1.29 |
| | 002 | F01 | 15 | 9. | 12. | 36. | 45. | 64. | 70. | 84. | 84. | 84. | 47. | 21.15 | 40.53 | 1.87 |
| | 006 | F01 | 8 | 30. | 30. | 46. | 48. | 76. | 87. | 87. | 87. | 87. | 59. | 21.24 | 55.65 | 1.46 |
| 122 Midland | 001 | F01 | 6 | 3. | 3. | 3. | 3. | 25. | 59. | 59. | 59. | 59. | 17. | 22.40 | 7.83 | 3.94 |
| 122 Muskegon | 017 | F01 | 13 | 6. | 17. | 24. | 36. | 50. | 59. | 71. | 71. | 71. | 38. | 18.41 | 32.97 | 1.93 |
| | 019 | F01 | 15 | 3. | 10. | 19. | 33. | 41. | 55. | 57. | 57. | 57. | 33. | 17.44 | 25.97 | 2.30 |
| 122 Saginaw | 001 | P01 | 7 | 22. | 22. | 36. | 42. | 44. | 67. | 67. | 67. | 67. | 44. | 15.65 | 41.69 | 1.45 |
| 123 Dearborn | 001 | P01 | 7 | 35. | 35. | 46. | 55. | 59. | 86. | 86. | 86. | 86. | 55. | 17.19 | 53.26 | 1.35 |
| 123 Detroit | 001 | P01 | 8 | 55. | 55. | 63. | 68. | 85. | 110. | 110. | 110. | 110. | 75. | 18.70 | 72.97 | 1.27 |
| | 016 | F01 | 11 | 29. | 31. | 49. | 55. | 60. | 79. | 86. | 86. | 86. | 56. | 18.96 | 53.19 | 1.44 |
| | 018 | F01 | 12 | 44. | 45. | 54. | 60. | 73. | 83. | 91. | 91. | 91. | 64. | 15.33 | 61.90 | 1.27 |
| | 020 | P01 | 12 | 3. | 30. | 38. | 50. | 78. | 111. | 141. | 141. | 141. | 61. | 37.49 | 45.40 | 2.78 |
| 123 Mount Clemens | 001 | F01 | 13 | 3. | 3. | 10. | 26. | 35. | 42. | 53. | 53. | 53. | 24. | 15.83 | 17.31 | 2.73 |
| 123 Pontiac | 002 | F01 | 4 | 3. | 3. | 3. | 3. | 50. | 52. | 52. | 52. | 52. | | | | |
| 123 St Clair Shores | 001 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 59. | 59. | 59. | 7. | 15.10 | 3.13 | 2.33 |
| 123 Southfield | 001 | F01 | 14 | 3. | 17. | 38. | 46. | 60. | 63. | 76. | 76. | 76. | 43. | 21.21 | 34.45 | 2.42 |
| 123 Warren | 001 | F01 | 13 | 11. | 18. | 40. | 45. | 56. | 66. | 77. | 77. | 77. | 46. | 18.08 | 41.14 | 1.71 |
| 124 Monroe | 020 | F01 | 12 | 3. | 5. | 8. | 26. | 46. | 63. | 65. | 65. | 65. | 31. | 22.83 | 20.66 | 2.97 |
| 124 Monroe Co | 008 | F01 | 14 | 13. | 16. | 24. | 25. | 46. | 56. | 68. | 68. | 68. | 33. | 17.75 | 29.12 | 1.69 |
| 125 East Lansing | 001 | F01 | 13 | 3. | 3. | 16. | 33. | 36. | 53. | 56. | 56. | 56. | 29. | 17.52 | 20.81 | 2.81 |
| 125 Kalamazoo | 002 | P01 | 9 | 3. | 3. | 3. | 22. | 33. | 56. | 56. | 56. | 56. | 23. | 18.44 | 13.32 | 3.64 |
| 125 Lansing | 001 | P01 | 6 | 10. | 10. | 34. | 42. | 61. | 72. | 72. | 72. | 72. | 46. | 22.36 | 39.22 | 2.06 |
| 126 Marquette | 005 | F01 | 8 | 3. | 3. | 3. | 3. | 33. | 43. | 43. | 43. | 43. | 17. | 17.65 | 8.56 | 3.88 |
| 126 Ontonagon Co | 001 | F01 | 13 | 3. | 3. | 3. | 6. | 10. | 17. | 35. | 35. | 35. | 9. | 9.20 | 6.12 | 2.41 |
| 126 Petoskey | 001 | F01 | 14 | 7. | 8. | 12. | 23. | 25. | 30. | 48. | 48. | 48. | 21. | 11.39 | 18.11 | 1.79 |
| | 002 | F01 | 14 | 3. | 3. | 5. | 9. | 13. | 21. | 25. | 25. | 25. | 11. | 6.98 | 8.41 | 2.09 |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 129 Duluth | 001 | P01 | 5 | 14. | 14. | 22. | 24. | 42. | 50. | 50. | 50. | 50. | 30. | 14.99 | 27.43 | 1.67 |
| 131 Minneapolis | 001 | P01 | 2 | 43. | 43. | 43. | 43. | 51. | 51. | 51. | 51. | 51. | | | | |
| | 027 | P01 | 5 | 37. | 37. | 47. | 81. | 91. | 96. | 96. | 96. | 96. | 70. | 26.72 | 65.77 | 1.54 |
| 131 St Paul | 031 | P01 | 7 | 17. | 17. | 43. | 67. | 77. | 88. | 88. | 88. | 88. | 59. | 27.43 | 52.29 | 1.82 |
| **MONTANA** | | | | | | | | | | | | | | | | |
| 141 Glacier Nat Park | 001 | P03 | 14 | 3. | 3. | 3. | 3. | 3. | 5. | 7. | 7. | 7. | 3. | 1.33 | 2.83 | 1.38 |
| 143 Mc Cone Co | 001 | F03 | 14 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | | 2.50 | 1.00 |
| 143 Rosebud Co | 027 | F03 | 63 | 3. | 3. | 3. | 3. | 3. | 8. | 8. | 9. | 9. | 4. | 2.22 | 3.28 | 1.60 |
| | 028 | F03 | 63 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 8. | 8. | 3. | 1.23 | 2.78 | 1.33 |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 085 Bellevue | 002 | F01 | 7 | 61. | 61. | 76. | 82. | 82. | 148. | 148. | 148. | 148. | 91. | 32.50 | 86.87 | 1.39 |
| 085 Omaha | 005 | G01 | 15 | 8. | 10. | 19. | 29. | 46. | 73. | 80. | 80. | 80. | 34. | 22.45 | 27.14 | 2.06 |
| | 019 | G01 | 15 | 10. | 15. | 26. | 29. | 42. | 60. | 64. | 64. | 64. | 34. | 16.85 | 29.91 | 1.71 |
| | 024 | G01 | 14 | 15. | 36. | 60. | 65. | 73. | 102. | 105. | 105. | 105. | 65. | 24.47 | 59.75 | 1.64 |
| | 027 | G01 | 14 | 3. | 3. | 31. | 32. | 40. | 68. | 75. | 75. | 75. | 37. | 21.83 | 26.52 | 2.91 |
| | 028 | G01 | 15 | 16. | 27. | 35. | 40. | 54. | 76. | 83. | 83. | 83. | 45. | 18.61 | 41.88 | 1.53 |
| 145 Lincoln | 004 | G01 | 15 | 24. | 35. | 46. | 66. | 87. | 100. | 117. | 117. | 117. | 67. | 28.65 | 61.19 | 1.60 |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | |
| 107 Coos Co | 001 | F03 | 12 | 3. | 20. | 20. | 20. | 20. | 20. | 22. | 22. | 22. | 19. | 5.14 | 16.95 | 1.83 |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 152 Albuquerque | 001 | P01 | 5 | 24. | 24. | 24. | 32. | 48. | 51. | 51. | 51. | 51. | 36. | 13.09 | 34.05 | 1.44 |
| **OHIO** | | | | | | | | | | | | | | | | |
| 079 Cincinnati | 001 | P01 | 7 | 25. | 25. | 55. | 55. | 58. | 61. | 61. | 61. | 61. | 50. | 13.41 | 48.44 | 1.39 |
| | 019 | P01 | 6 | 42. | 42. | 43. | 50. | 56. | 61. | 61. | 61. | 61. | 51. | 7.69 | 50.84 | 1.17 |
| 124 Toledo | 001 | P01 | 8 | 29. | 29. | 45. | 55. | 56. | 83. | 83. | 83. | 83. | 53. | 15.99 | 50.86 | 1.37 |

## NITROGEN DIOXIDE, *micrograms per cubic meter* (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **OHIO — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 173 Dayton | 001 | P01 | 6 | 52. | 52. | 54. | 59. | 65. | 70. | 70. | 70. | 70. | 61. | 6.92 | 60.34 | 1.12 |
| 174 Akron | 014 | P01 | 7 | 36. | 36. | 42. | 46. | 47. | 59. | 59. | 59. | 59. | 45. | 7.63 | 44.61 | 1.18 |
| 174 Canton | 001 | P01 | 7 | 22. | 22. | 24. | 32. | 34. | 51. | 51. | 51. | 51. | 33. | 11.61 | 31.23 | 1.38 |
| 176 Columbus | 001 | P01 | 6 | 42. | 42. | 47. | 47. | 52. | 63. | 63. | 63. | 63. | 50. | 7.15 | 49.93 | 1.15 |
| 178 Youngstown | 001 | P01 | 8 | 34. | 34. | 43. | 51. | 57. | 77. | 77. | 77. | 77. | 52. | 14.70 | 50.42 | 1.33 |
| 181 Steubenville | 012 | P01 | 8 | 29. | 29. | 35. | 39. | 46. | 56. | 56. | 56. | 56. | 42. | 8.67 | 40.71 | 1.24 |
| **OKLAHOMA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 184 Cherokee Co | 001 | P03 | 8 | 3. | 3. | 10. | 11. | 14. | 25. | 25. | 25. | 25. | 13. | 6.85 | 11.16 | 1.99 |
| 184 Edmond | 016 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 5. | 22. | 22. | 22. | 6. | 4.39 | 5.52 | 1.47 |
| 184 Midwest City | 006 | F01 | 15 | 5. | 5. | 5. | 5. | 29. | 34. | 54. | 54. | 54. | 16. | 15.67 | 10.02 | 2.55 |
| 184 Oklahoma City | 001 | F02 | 15 | 5. | 5. | 5. | 5. | 5. | 58. | 81. | 81. | 81. | 14. | 23.01 | 7.42 | 2.51 |
|  | 002 | F02 | 15 | 5. | 5. | 5. | 11. | 16. | 24. | 35. | 35. | 35. | 13. | 9.39 | 9.90 | 2.06 |
|  | 017 | F02 | 13 | 5. | 5. | 5. | 5. | 27. | 45. | 57. | 57. | 57. | 17. | 17.73 | 10.36 | 2.69 |
|  | 018 | F02 | 14 | 5. | 5. | 5. | 5. | 10. | 30. | 44. | 44. | 44. | 14. | 13.08 | 9.90 | 2.30 |
|  | 021 | F03 | 15 | 5. | 5. | 5. | 5. | 27. | 54. | 63. | 63. | 63. | 19. | 20.10 | 11.29 | 2.87 |
|  | 022 | F02 | 15 | 5. | 5. | 10. | 21. | 36. | 49. | 49. | 49. | 49. | 25. | 16.91 | 19.04 | 2.27 |
|  | 022 | P01 | 7 | 10. | 10. | 47. | 49. | 59. | 110. | 110. | 110. | 110. | 54. | 31.36 | 44.68 | 2.13 |
| 186 Tulsa | 001 | P01 | 6 | 25. | 25. | 39. | 55. | 368. | 618. | 618. | 618. | 618. | 240. | 240.65 | 125.92 | 3.93 |
| **OREGON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 193 Portland | 001 | P01 | 8 | 41. | 41. | 53. | 55. | 58. | 67. | 67. | 67. | 67. | 54. | 7.96 | 53.49 | 1.16 |
| **RHODE ISLAND** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120 Bristol | 001 | F01 | 14 | 15. | 18. | 39. | 42. | 43. | 46. | 66. | 66. | 66. | 39. | 12.94 | 36.17 | 1.49 |
| 120 Burrillville | 001 | F01 | 12 | 3. | 3. | 6. | 9. | 13. | 20. | 48. | 48. | 48. | 12. | 12.47 | 8.53 | 2.48 |
| 120 Cranston | 001 | F01 | 13 | 3. | 7. | 25. | 37. | 45. | 52. | 56. | 56. | 56. | 34. | 16.62 | 26.74 | 2.45 |
|  | 002 | F01 | 12 | 9. | 20. | 24. | 44. | 49. | 52. | 86. | 86. | 86. | 40. | 20.05 | 35.12 | 1.81 |
| 120 East Providence | 003 | F01 | 14 | 3. | 3. | 6. | 11. | 36. | 66. | 82. | 82. | 82. | 24. | 26.26 | 11.87 | 3.65 |
|  | 004 | F01 | 12 | 3. | 3. | 34. | 43. | 52. | 64. | 78. | 78. | 78. | 41. | 22.57 | 28.50 | 3.23 |
|  | 005 | F01 | 13 | 3. | 3. | 26. | 39. | 43. | 74. | 79. | 79. | 79. | 38. | 24.07 | 25.86 | 3.15 |
| 120 Narragansett | 002 | F01 | 12 | 3. | 3. | 11. | 16. | 34. | 47. | 71. | 71. | 71. | 25. | 21.03 | 16.23 | 3.03 |
| 120 Newport | 001 | F01 | 14 | 11. | 15. | 38. | 42. | 48. | 50. | 67. | 67. | 67. | 39. | 15.15 | 35.74 | 1.66 |
| 120 North Kingstown | 002 | F01 | 9 | 3. | 3. | 9. | 16. | 18. | 26. | 26. | 26. | 26. | 15. | 7.56 | 12.64 | 2.06 |
| 120 Pawtucket | 002 | F01 | 12 | 3. | 11. | 21. | 27. | 47. | 70. | 89. | 89. | 89. | 35. | 24.85 | 26.19 | 2.57 |
| 120 Providence | 001 | F01 | 6 | 3. | 3. | 19. | 61. | 86. | 88. | 88. | 88. | 88. | 53. | 35.23 | 33.46 | 4.01 |
|  | 005 | F01 | 15 | 3. | 18. | 49. | 63. | 79. | 92. | 97. | 97. | 97. | 60. | 28.14 | 47.17 | 2.56 |
|  | 006 | F01 | 10 | 3. | 3. | 58. | 63. | 75. | 77. | 93. | 93. | 93. | 61. | 25.79 | 47.27 | 2.91 |
|  | 007 | F01 | 15 | 40. | 48. | 61. | 72. | 88. | 90. | 103. | 103. | 103. | 73. | 18.25 | 70.42 | 1.31 |
|  | 008 | F01 | 11 | 3. | 22. | 47. | 63. | 63. | 74. | 95. | 95. | 95. | 55. | 25.51 | 42.33 | 2.75 |
|  | 012 | F05 | 7 | 52. | 52. | 60. | 61. | 64. | 75. | 75. | 75. | 75. | [illegible] | [illegible] | - |  |
| 120 Tiverton | 001 | F01 | 12 | 5. | 17. | 20. | 27. | 48. | 56. | 57. | 57. | 57. | 32. | 17.36 | 27.08 | 2.00 |
| 120 Warwick | 002 | F01 | 15 | 3. | 3. | 32. | 45. | 49. | 61. | 85. | 85. | 85. | 40. | 21.98 | 29.25 | 2.93 |
| 120 Washington Co | 002 | F03 | 5 | 3. | 3. | 20. | 21. | 36. | 49. | 49. | 49. | 49. | 26. | 17.62 | 17.93 | 3.20 |
| 120 Westerly | 002 | F01 | 13 | 3. | 3. | 3. | 11. | 18. | 42. | 50. | 50. | 50. | 16. | 15.35 | 9.55 | 2.97 |
| 120 Woonsocket | 001 | F01 | 15 | 11. | 23. | 44. | 49. | 56. | 86. | 90. | 90. | 90. | 51. | 21.52 | 45.94 | 1.70 |
| **SOUTH DAKOTA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 205 Black Hills Nat Forest | 001 | P03 | 15 | 3. | 3. | 3. | 3. | 3. | 5. | 5. | 5. | 5. | 3. | 1.04 | 2.87 | 1.33 |
| **TEXAS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 106 Beaumont | 001 | P01 | 8 | 24. | 24. | 37. | 45. | 73. | 125. | 125. | 125. | 125. | 60. | 33.75 | 52.51 | 1.75 |
| 153 El Paso | 002 | P01 | 7 | 15. | 15. | 25. | 29. | 31. | 70. | 70. | 70. | 70. | 32. | 18.64 | 28.64 | 1.69 |
| 210 Wichita Falls | 002 | P01 | 8 | 13. | 13. | 30. | 31. | 38. | 68. | 68. | 68. | 68. | 34. | 17.25 | 30.39 | 1.71 |
| 211 Amarillo | 002 | P01 | 2 | 10. | 10. | 10. | 10. | 25. | 25. | 25. | 25. | 25. |  |  |  |  |
| 211 Lubbock | 001 | P01 | 7 | 21. | 21. | 32. | 38. | 40. | 79. | 79. | 79. | 79. | 39. | 19.17 | 36.29 | 1.53 |
| 212 Austin | 010 | P01 | 5 | 23. | 23. | 25. | 32. | 41. | 48. | 48. | 48. | 48. | 34. | 10.73 | 32.73 | 1.37 |
| 214 Corpus Christi | 001 | P01 | 7 | 28. | 28. | 34. | 37. | 48. | 603. | 603. | 603. | 603. | 122. | 212.51 | 58.76 | 2.92 |
| 215 Dallas | 002 | P01 | 8 | 55. | 55. | 58. | 66. | 99. | 119. | 119. | 119. | 119. | 80. | 27.09 | 76.18 | 1.39 |
| 215 Fort Worth | 001 | P01 | 8 | 39. | 39. | 46. | 49. | 64. | 74. | 74. | 74. | 74. | 55. | 12.81 | 53.48 | 1.27 |
| 216 Houston | 001 | P01 | 7 | 44. | 44. | 53. | 62. | 90. | 113. | 113. | 113. | 113. | 75. | 29.57 | 70.40 | 1.48 |
| 216 Matagorda Co | 001 | P03 | 7 | 8. | 8. | 11. | 20. | 23. | 33. | 33. | 33. | 33. | 19. | 9.42 | 16.43 | 1.74 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - ORIFICE, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **TEXAS — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 216 Pasadena | 002 | P01 | 4 | 40. | 40. | 50. | 50. | 91. | 165. | 165. | 165. | 165. |  |  |  |  |
| 217 San Antonio | 035 | P01 | 8 | 11. | 11. | 42. | 48. | 72. | 100. | 100. | 100. | 100. | 53. | 29.71 | 43.37 | 2.09 |
| 218 Tom Green Co | 001 | P03 | 4 | 3. | 3. | 7. | 7. | 7. | 10. | 10. | 10. | 10. |  |  |  |  |
| **UTAH** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 220 Salt Lake City | 001 | P01 | 13 | 29. | 38. | 40. | 59. | 69. | 102. | 113. | 113. | 113. | 61. | 25.16 | 56.18 | 1.50 |
| **WASHINGTON** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 062 Spokane | 001 | P01 | 7 | 14. | 14. | 35. | 40. | 46. | 61. | 61. | 61. | 61. | 38. | 15.38 | 34.70 | 1.62 |
| 229 King Co | 002 | P03 | 8 | 6. | 6. | 14. | 22. | 29. | 47. | 47. | 47. | 47. | 23. | 12.86 | 19.81 | 1.91 |
| 229 Seattle | 001 | P01 | 7 | 61. | 61. | 61. | 62. | 67. | 116. | 116. | 116. | 116. | 71. | 20.18 | 69.27 | 1.26 |
| 229 Tacoma | 001 | P01 | 6 | 23. | 23. | 35. | 47. | 55. | 106. | 106. | 106. | 106. | 53. | 28.47 | 47.61 | 1.67 |
| **WISCONSIN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 128 Eau Claire | 005 | F01 | 14 | 9. | 12. | 21. | 32. | 50. | 60. | 74. | 74. | 74. | 37. | 20.34 | 30.76 | 1.94 |
| 128 La Crosse | 003 | F01 | 45 | 3. | 3. | 3. | 3. | 3. | 7. | 8. | 10. | 10. | 4. | 2.04 | 3.26 | 1.56 |
|  | 005 | F01 | 55 | 3. | 3. | 3. | 3. | 3. | 3. | 6. | 7. | 7. | 3. | 1.16 | 2.72 | 1.32 |
| 237 Oshkosh | 005 | F01 | 7 | 9. | 9. | 21. | 32. | 38. | 57. | 57. | 57. | 57. | 33. | 18.31 | 27.90 | 1.94 |
|  | 006 | F01 | 2 | 46. | 46. | 46. | 46. | 48. | 48. | 48. | 48. | 48. |  |  |  |  |
| 238 Wausau | 002 | F01 | 21 | 19. | 20. | 25. | 28. | 38. | 43. | 44. | 55. | 55. | 32. | 10.02 | 30.08 | 1.37 |
|  | 003 | F01 | 22 | 12. | 19. | 24. | 31. | 36. | 54. | 55. | 60. | 60. | 32. | 12.94 | 29.94 | 1.52 |
| 239 Milwaukee | 001 | P01 | 7 | 15. | 15. | 44. | 45. | 53. | 73. | 73. | 73. | 73. | 46. | 20.76 | 40.84 | 1.75 |
| 240 Madison | 001 | P01 | 8 | 24. | 24. | 36. | 39. | 48. | 51. | 51. | 51. | 51. | 42. | 9.41 | 40.42 | 1.29 |
| **WYOMING** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 241 Casper | 001 | P01 | 11 | 3. | 3. | 3. | 18. | 20. | 26. | 30. | 30. | 30. | 15. | 10.51 | 9.62 | 2.97 |
| 243 Weston Co | 001 | P03 | 4 | 3. | 3. | 5. | 5. | 5. | 12. | 12. | 12. | 12. |  |  |  |  |
| 243 Yellowstone Nat Park | 001 | P03 | 15 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **GUAM** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 246 Agana Dist | 002 | F01 | 13 | 9. | 14. | 16. | 18. | 20. | 25. | 30. | 30. | 30. | 19. | 5.09 | 17.99 | 1.33 |
| 246 Dededo Dist | 003 | F02 | 15 | 3. | 3. | 3. | 6. | 6. | 10. | 10. | 10. | 10. | 5. | 2.76 | 4.34 | 1.75 |
| 246 Piti Dist | 001 | F02 | 13 | 3. | 3. | 3. | 3. | 9. | 12 | 18. | 18. | 18. | 6. | 4.96 | 4.73 | 2.13 |
|  | 006 | F02 | 15 | 3. | 3. | 3. | 3. | 7. | 15. | 23. | 23. | 23. | 6. | 5.88 | 4.62 | 2.14 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 *First Quarter*

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 004 Bessemer | 001 | G01 | 66 | 15. | 17. | 23. | 28. | 38. | 49. | 53. | 66. | 66. | 31. | 12.89 | 28.85 | 1.49 |
| 004 Birmingham | 003 | G01 | 3 | 17. | 17. | 17. | 21. | 21. | 21. | 21. | 21. | 21. | | | | |
| | 005 | G02 | 64 | 19. | 32. | 51. | 58. | 70. | 86. | 96. | 109. | 109. | 60. | 21.22 | 55.88 | 1.48 |
| | 012 | G01 | 71 | 24. | 32. | 45. | 53. | 66. | 83. | 96. | 117. | 117. | 57. | 20.17 | 53.97 | 1.43 |
| 004 Fairfield | 003 | G01 | 70 | 15. | 21. | 24. | 34. | 45. | 60. | 68. | 90. | 90. | 37. | 16.71 | 33.99 | 1.54 |
| 004 Leeds | 003 | G01 | 48 | 11. | 15. | 19. | 24. | 30. | 43. | 45. | 47. | 47. | 26. | 10.24 | 24.60 | 1.48 |
| 004 Tarrant City | 001 | G01 | 14 | 19. | 24. | 43. | 51. | 56. | 62. | 83. | 83. | 83. | 48. | 17.05 | 44.60 | 1.50 |
| 007 Athens | 001 | G01 | 14 | 11. | 17. | 21. | 23. | 26. | 32. | 47. | 47. | 47. | 25. | 8.54 | 23.58 | 1.40 |
| | 003 | G01 | 14 | 17. | 19. | 23. | 26. | 34. | 53. | 56. | 56. | 56. | 30. | 12.18 | 28.39 | 1.45 |
| 007 Decatur | 001 | G01 | 14 | 23. | 28. | 32. | 34. | 39. | 43. | 45. | 45. | 45. | 35. | 6.31 | 34.76 | 1.21 |
| | 002 | G01 | 14 | 23. | 23. | 26. | 30. | 38. | 55. | 64. | 64. | 64. | 35. | 12.38 | 32.89 | 1.38 |
| | 005 | G01 | 14 | 21. | 23. | 28. | 34. | 34. | 47. | 60. | 60. | 60. | 33. | 10.26 | 31.78 | 1.32 |
| 007 Hartselle | 001 | G01 | 14 | 17. | 17. | 23. | 28. | 36. | 64. | 71. | 71. | 71. | 33. | 17.06 | 30.09 | 1.59 |
| **ARKANSAS** | | | | | | | | | | | | | | | | |
| 016 Jefferson Co | 003 | F05 | 16 | 5. | 6. | 9. | 10. | 15. | 28. | 30. | 30. | 30. | 13. | 7.31 | 11.53 | 1.65 |
| 016 Little Rock | 003 | F01 | 15 | 16. | 20. | 23. | 29. | 41. | 54. | 61. | 61. | 61. | 33. | 13.91 | 30.57 | 1.50 |
| 017 Fort Smith | 008 | F01 | 15 | 11. | 12. | 23. | 35. | 42. | 66. | 68. | 68. | 68. | 35. | 18.22 | 30.48 | 1.80 |
| 018 Earle | 001 | F01 | 14 | 3. | 12. | 15. | 20. | 24. | 28. | 33. | 33. | 33. | 19. | 7.93 | 16.75 | 1.89 |
| 018 West Memphis | 001 | F01 | 14 | 3. | 9. | 26. | 27. | 34. | 46. | 62. | 62. | 62. | 29. | 14.80 | 23.97 | 2.22 |
| | 002 | F01 | 15 | 28. | 33. | 35. | 37. | 47. | 50. | 65. | 65. | 65. | 40. | 9.52 | 39.34 | 1.24 |
| 019 El Dorado | 002 | F01 | 14 | 15. | 26. | 32. | 39. | 45. | 54. | 61. | 61. | 61. | 39. | 12.31 | 36.84 | 1.44 |
| 020 Blytheville | 001 | F01 | 15 | 17. | 22. | 26. | 37. | 38. | 44. | 66. | 66. | 66. | 34. | 12.16 | 32.52 | 1.42 |
| 021 Harrison | 001 | F01 | 12 | 21. | 22. | 30. | 33. | 36. | 41. | 41. | 41. | 41. | 32. | 6.73 | 31.47 | 1.25 |
| 022 Texarkana | 002 | F01 | 13 | 23. | 23. | 29. | 37. | 51. | 52. | 55. | 55. | 55. | 39. | 11.97 | 37.22 | 1.38 |
| **DISTRICT OF COLUMBIA** | | | | | | | | | | | | | | | | |
| 047 Washington | 001 | P01 | 1 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | | | | |
| | 003 | P01 | 1 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | | | |
| **HAWAII** | | | | | | | | | | | | | | | | |
| 060 Ewa | 001 | F02 | 22 | 3. | 7. | 10. | 14. | 19. | 22. | 22. | 23. | 23. | 14. | 6.15 | 12.16 | 1.86 |
| | 002 | F02 | 23 | 3. | 7. | 10. | 12. | 14. | 16. | 21. | 22. | 22. | 12. | 4.47 | 10.85 | 1.59 |
| 060 Hilo | 001 | F01 | 21 | 3. | 12. | 15. | 16. | 19. | 25. | 26. | 29. | 29. | 17. | 5.97 | 15.72 | 1.66 |
| 060 Honolulu | 001 | F01 | 22 | 24. | 30. | 36. | 40. | 46. | 50. | 57. | 63. | 63. | 41. | 9.20 | 39.75 | 1.26 |
| | 004 | F01 | 23 | 16. | 26. | 28. | 41. | 49. | 57. | 57. | 71. | 71. | 40. | 13.21 | 38.28 | 1.42 |
| | 005 | F01 | 22 | 15. | 31. | 36. | 44. | 51. | 59. | 60. | 64. | 64. | 43. | 11.83 | 41.53 | 1.38 |
| 060 Lihue | 001 | F01 | 22 | 3. | 3. | 3. | 6. | 10. | 12. | 13. | 19. | 19. | 7. | 4.58 | 5.55 | 2.00 |
| 060 Pearl City | 002 | F01 | 22 | 11. | 13. | 23. | 28. | 31. | 33. | 33. | 43. | 43. | 26. | 7.89 | 24.84 | 1.44 |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 065 East Peoria | 002 | F01 | 9 | 19. | 19. | 36. | 38. | 47. | 56. | 56. | 56. | 56. | 41. | 11.51 | 39.03 | 1.39 |
| 065 Galesburg | 001 | F01 | 8 | 3. | 3. | 28. | 34. | 43. | 92. | 92. | 92. | 92. | 39. | 25.54 | 28.54 | 2.87 |
| 065 Peoria | 001 | F01 | 6 | 34. | 34. | 38. | 39. | 62. | 71. | 71. | 71. | 71. | 49. | 15.01 | 46.77 | 1.35 |
| | 023 | F01 | 10 | 15. | 15. | 39. | 45. | 49. | 64. | 71. | 71. | 71. | 46. | 15.43 | 43.42 | 1.53 |
| | 027 | F01 | 11 | 8. | 17. | 21. | 23. | 36. | 39. | 49. | 49. | 49. | 28. | 12.25 | 25.15 | 1.69 |
| 066 Bloomington | 001 | F01 | 11 | 3. | 3. | 21. | 39. | 45. | 51. | 53. | 53. | 53. | 32. | 18.73 | 22.01 | 3.14 |
| 066 Champaign | 001 | F01 | 4 | 28. | 28. | 32. | 32. | 36. | 41. | 41. | 41. | 41. | | | | |
| 066 Danville | 001 | F01 | 10 | 3. | 3. | 23. | 24. | 39. | 41. | 47. | 47. | 47. | 29. | 14.16 | 23.74 | 2.38 |
| 067 Bensenville | 002 | F01 | 11 | 30. | 32. | 38. | 47. | 68. | 77. | 79. | 79. | 79. | 53. | 18.44 | 50.20 | 1.43 |
| 067 Blue Island | 001 | G01 | 29 | 35. | 40. | 48. | 55. | 61. | 76. | 77. | 87. | 87. | 56. | 13.44 | 54.88 | 1.27 |
| 067 Calumet City | 001 | G01 | 26 | 29. | 36. | 46. | 56. | 67. | 81. | 86. | 94. | 94. | 58. | 16.21 | 55.59 | 1.34 |
| 067 Chicago | 003 | H01 | 14 | 32. | 34. | 43. | 56. | 66. | 71. | 73. | 73. | 73. | 54. | 15.94 | 51.75 | 1.38 |
| | 004 | H01 | 12 | 39. | 41. | 51. | 70. | 77. | 88. | 103. | 103. | 103. | 68. | 20.24 | 64.62 | 1.37 |
| | 005 | H01 | 15 | 3. | 41. | 71. | 83. | 90. | 100. | 103. | 103. | 103. | 74. | 26.27 | 61.68 | 2.50 |
| | 007 | H01 | 15 | 3. | 3. | 26. | 49. | 62. | 68. | 85. | 85. | 85. | 42. | 25.81 | 28.57 | 3.19 |
| | 009 | H01 | 14 | 9. | 36. | 51. | 62. | 66. | 88. | 130. | 130. | 130. | 61. | 28.21 | 53.20 | 1.83 |
| | 010 | H01 | 15 | 32. | 38. | 51. | 55. | 68. | 81. | 83. | 83. | 83. | 58. | 15.43 | 55.77 | 1.32 |
| | 011 | H01 | 9 | 39. | 39. | 43. | 64. | 68. | 90. | 90. | 90. | 90. | 60. | 16.81 | 57.66 | 1.33 |
| | 012 | H01 | 15 | 3. | 43. | 55. | 64. | 77. | 83. | 92. | 92. | 92. | 62. | 21.88 | 52.17 | 2.38 |
| | 015 | H01 | 15 | 43. | 47. | 51. | 56. | 58. | 70. | 75. | 75. | 75. | 56. | 8.97 | 55.63 | 1.17 |
| | 016 | H01 | 11 | 36. | 47. | 53. | 55. | 60. | 75. | 81. | 81. | 81. | 58. | 13.67 | 56.99 | 1.27 |
| | 017 | H01 | 14 | 34. | 36. | 43. | 51. | 66. | 83. | 105. | 105. | 105. | 57. | 21.66 | 53.86 | 1.44 |

**Preceding page blank**

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ILLINOIS — Cont.** | | | | | | | | | | | | | | | | |
| | 018 | H01 | 14 | 28. | 32. | 47. | 47. | 60. | 86. | 86. | 86. | 86. | 56. | 19.52 | 52.96 | 1.43 |
| | 019 | H01 | 15 | 30. | 32. | 47. | 55. | 66. | 75. | 77. | 77. | 77. | 54. | 15.40 | 52.21 | 1.36 |
| | 020 | H01 | 11 | 34. | 38. | 56. | 68. | 70. | 102. | 109. | 109. | 109. | 68. | 23.56 | 63.69 | 1.44 |
| | 021 | H01 | 14 | 32. | 34. | 49. | 53. | 71. | 85. | 86. | 86. | 86. | 59. | 19.29 | 55.64 | 1.41 |
| | 022 | H01 | 12 | 45. | 47. | 51. | 56. | 60. | 75. | 130. | 130. | 130. | 63. | 22.74 | 60.18 | 1.33 |
| | 025 | H01 | 15 | 32. | 41. | 51. | 56. | 64. | 71. | 86. | 86. | 86. | 57. | 13.98 | 55.62 | 1.29 |
| | 030 | H01 | 8 | 28. | 28. | 55. | 56. | 62. | 81. | 81. | 81. | 81. | 57. | 14.66 | 54.89 | 1.35 |
| | 031 | H01 | 14 | 34. | 45. | 53. | 58. | 73. | 75. | 92. | 92. | 92. | 62. | 15.56 | 60.01 | 1.30 |
| | 032 | H01 | 8 | 6. | 6. | 38. | 39. | 41. | 56. | 56. | 56. | 56. | 36. | 15.21 | 30.52 | 2.07 |
| 067 Chicago Heights | 001 | G01 | 29 | 19. | 27. | 38. | 49. | 57. | 79. | 84. | 92. | 92. | 50. | 17.91 | 47.15 | 1.46 |
| 067 Cicero | 001 | G01 | 29 | 17. | 21. | 41. | 55. | 66. | 87. | 90. | 108. | 108. | 55. | 24.21 | 48.71 | 1.70 |
| 067 Des Plaines | 001 | G01 | 28 | 20. | 33. | 41. | 50. | 61. | 67. | 98. | 100. | 100. | 53. | 18.10 | 49.95 | 1.41 |
| 067 Harvey | 001 | G01 | 29 | 32. | 39. | 45. | 55. | 66. | 79. | 94. | 99. | 99. | 58. | 16.63 | 56.02 | 1.33 |
| 067 Hillside | 001 | G01 | 28 | 28. | 44. | 54. | 61. | 68. | 89. | 93. | 102. | 102. | 63. | 16.51 | 60.39 | 1.32 |
| 067 Joliet | 002 | G01 | 21 | 3. | 9. | 26. | 36. | 39. | 58. | 62. | 70. | 70. | 33. | 18.52 | 26.74 | 2.23 |
| | 003 | G01 | 27 | 13. | 19. | 38. | 53. | 64. | 90. | 92. | 107. | 107. | 53. | 25.20 | 46.25 | 1.77 |
| 067 Lockport | 002 | G01 | 17 | 21. | 23. | 41. | 45. | 55. | 60. | 70. | 70. | 70. | 46. | 13.40 | 43.42 | 1.40 |
| 067 Morton Grove | 001 | H01 | 2 | 6. | 6. | 6. | 6. | 8. | 8. | 8. | 8. | 8. | | | | |
| 067 Park Forest | 001 | G01 | 29 | 18. | 24. | 33. | 46. | 54. | 72. | 99. | 102. | 102. | 48. | 20.37 | 43.97 | 1.52 |
| 068 Galena | 002 | F01 | 5 | 13. | 13. | 17. | 24. | 24. | 36. | 36. | 36. | 36. | | | | |
| 069 East Moline | 001 | F01 | 11 | 21. | 28. | 38. | 39. | 41. | 53. | 55. | 55. | 55. | 39. | 10.37 | 38.13 | 1.33 |
| 070 Alton | 005 | F01 | 6 | 9. | 9. | 13. | 17. | 26. | 53. | 53. | 53. | 53. | | | | |
| 070 East St Louis | 008 | F01 | 9 | 45. | 45. | 45. | 51. | 53. | 79. | 79. | 79. | 79. | 54. | 11.17 | 52.80 | 1.21 |
| 071 Henry | 001 | F01 | 4 | 17. | 17. | 21. | 21. | 30. | 38. | 38. | 38. | 38. | | | | |
| 071 La Salle | 001 | F01 | 6 | 11. | 11. | 19. | 19. | 30. | 38. | 38. | 38. | 38. | 23. | 9.34 | 21.90 | 1.53 |
| 072 Christian Co | 001 | F01 | 11 | 6. | 6. | 11. | 15. | 19. | 23. | 26. | 26. | 26. | 15. | 6.96 | 13.18 | 1.72 |
| 072 Metropolis | 007 | F01 | 9 | 9. | 9. | 15. | 24. | 32. | 49. | 49. | 49. | 49. | 25. | 13.10 | 22.17 | 1.75 |
| 074 Effingham | 001 | F01 | 10 | 8. | 8. | 11. | 13. | 21. | 24. | 36. | 36. | 36. | 18. | 8.69 | 16.07 | 1.63 |
| 074 Marion | 001 | F01 | 8 | 3. | 3. | 11. | 15. | 17. | 36. | 36. | 36. | 36. | 15. | 10.53 | 10.97 | 2.61 |
| 074 Mount Vernon | 001 | F01 | 2 | 79. | 79. | 79. | 79. | 154. | 154. | 154. | 154. | 154. | | | | |
| 075 Decatur | 002 | F01 | 8 | 21. | 21. | 26. | 38. | 47. | 71. | 71. | 71. | 71. | 40. | 17.40 | 36.65 | 1.57 |
| | 003 | F01 | 3 | 3. | 3. | 3. | 8. | 19. | 19. | 19. | 19. | 19. | | | | |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 067 Chesterton | 001 | G01 | 2 | 9. | 9. | 9. | 9. | 9. | 9. | 9. | 9. | 9. | | | | |
| 067 Crown Point | 001 | F01 | 13 | 3. | 3. | 15. | 24. | 26. | 36. | 53. | 53. | 53. | 22. | 13.93 | 16.65 | 2.59 |
| 067 East Chicago | 001 | H02 | 15 | 60. | 64. | 73. | 90. | 118. | 182. | 201. | 201. | 201. | 106. | 46.27 | 98.41 | 1.49 |
| | 003 | H02 | 14 | 32. | 56. | 70. | 81. | 115. | 188. | 205. | 205. | 205. | 108. | 55.01 | 94.74 | 1.71 |
| | 004 | H02 | 15 | 32. | 41. | 71. | 86. | 113. | 182. | 186. | 186. | 186. | 96. | 46.26 | 85.56 | 1.65 |
| | 006 | H02 | 15 | 15. | 15. | 36. | 51. | 86. | 156. | 160. | 160. | 160. | 68. | 50.52 | 51.92 | 2.21 |
| | 007 | H02 | 15 | 3. | 15. | 41. | 60. | 77. | 165. | 177. | 177. | 177. | 70. | 50.05 | 49.62 | 2.88 |
| 067 Gary | 001 | H01 | 15 | 13. | 34. | 45. | 77. | 100. | 179. | 184. | 184. | 184. | 83. | 51.61 | 67.82 | 2.01 |
| | 002 | H01 | 15 | 21. | 26. | 45. | 49. | 66. | 92. | 111. | 111. | 111. | 56. | 24.82 | 50.84 | 1.59 |
| | 003 | H01 | 15 | 38. | 45. | 58. | 79. | 94. | 133. | 152. | 152. | 152. | 85. | 35.65 | 78.59 | 1.52 |
| | 004 | H01 | 15 | 26. | 56. | 70. | 75. | 109. | 177. | 184. | 184. | 184. | 95. | 45.53 | 85.32 | 1.64 |
| | 005 | H01 | 15 | 21. | 26. | 49. | 75. | 98. | 175. | 179. | 179. | 179. | 84. | 49.58 | 70.27 | 1.93 |
| | 008 | H01 | 15 | 24. | 49. | 51. | 66. | 81. | 102. | 132. | 132. | 132. | 71. | 26.18 | 66.32 | 1.49 |
| | 009 | H01 | 15 | 41. | 45. | 62. | 81. | 100. | 137. | 147. | 147. | 147. | 86. | 32.44 | 80.48 | 1.48 |
| | 011 | H01 | 15 | 21. | 32. | 39. | 53. | 96. | 154. | 194. | 194. | 194. | 74. | 53.10 | 59.55 | 1.97 |
| 067 Hammond | 001 | H01 | 14 | 9. | 11. | 17. | 23. | 49. | 79. | 85. | 85. | 85. | 39. | 26.69 | 30.12 | 2.14 |
| | 002 | H01 | 15 | 17. | 21. | 47. | 51. | 62. | 75. | 88. | 88. | 88. | 53. | 19.01 | 48.53 | 1.56 |
| | 004 | F01 | 13 | 30. | 34. | 38. | 51. | 64. | 71. | 77. | 77. | 77. | 51. | 16.36 | 48.78 | 1.38 |
| | 004 | H01 | 15 | 3. | 23. | 39. | 41. | 43. | 60. | 81. | 81. | 81. | 42. | 17.03 | 35.60 | 2.19 |
| | 005 | H01 | 14 | 19. | 21. | 39. | 49. | 55. | 62. | 68. | 68. | 68. | 46. | 15.02 | 43.06 | 1.49 |
| | 006 | H01 | 14 | 19. | 26. | 43. | 49. | 53. | 60. | 86. | 86. | 86. | 47. | 16.61 | 44.48 | 1.47 |
| | 007 | H01 | 13 | 23. | 24. | 30. | 39. | 58. | 62. | 77. | 77. | 77. | 43. | 16.86 | 39.78 | 1.47 |
| 067 Porter Co | 007 | G01 | 2 | 6. | 6. | 6. | 6. | 15. | 15. | 15. | 15. | 15. | | | | |
| | 009 | G01 | 2 | 17. | 17. | 17. | 17. | 17. | 17. | 17. | 17. | 17. | | | | |
| 067 Valparaiso | 002 | G01 | 2 | 3. | 3. | 3. | 3. | 24. | 24. | 24. | 24. | 24. | | | | |
| 067 Whiting | 003 | F01 | 14 | 3. | 13. | 21. | 23. | 34. | 53. | 58. | 58. | 58. | 28. | 15.56 | 22.80 | 2.16 |
| 076 Anderson | 006 | F01 | 13 | 15. | 26. | 26. | 39. | 55. | 56. | 68. | 68. | 68. | 42. | 15.51 | 38.87 | 1.53 |
| 076 Marion | 001 | F01 | 13 | 24. | 24. | 30. | 36. | 43. | 49. | 58. | 58. | 58. | 37. | 10.14 | 35.65 | 1.31 |
| 076 Richmond | 001 | F01 | 12 | 9. | 15. | 23. | 26. | 36. | 47. | 47. | 47. | 47. | 30. | 12.85 | 26.86 | 1.65 |
| | 002 | F01 | 14 | 21. | 21. | 30. | 30. | 43. | 49. | 64. | 64. | 64. | 36. | 12.85 | 33.94 | 1.43 |
| | 005 | F01 | 13 | 15. | 17. | 21. | 32. | 41. | 43. | 47. | 47. | 47. | 31. | 11.21 | 28.60 | 1.49 |
| 077 Jasper | 001 | F01 | 11 | 8. | 15. | 24. | 30. | 36. | 41. | 45. | 45. | 45. | 28. | 11.57 | 25.57 | 1.69 |
| 078 Charlestown | 002 | F01 | 12 | 8. | 13. | 21. | 24. | 36. | 36. | 66. | 66. | 66. | 28. | 14.81 | 24.97 | 1.73 |
| 078 Jeffersonville | 001 | F01 | 12 | 26. | 28. | 41. | 45. | 49. | 64. | 66. | 66. | 66. | 46. | 11.98 | 44.38 | 1.32 |

# NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **INDIANA — Cont.** | | | | | | | | | | | | | | | | |
| 079 Lawrenceburg | 002 | F01 | 7 | 8. | 8. | 19. | 26. | 34. | 49. | 49. | 49. | 49. | 28. | 14.90 | 23.94 | 1.91 |
| | 003 | F01 | 2 | 39. | 39. | 39. | 39. | 49. | 49. | 49. | 49. | 49. | | | | |
| 080 Indianapolis | 001 | H01 | 4 | 3760. | 3760. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 002 | H01 | 4 | 3760. | 3760. | 3760. | 3760. | 5640. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 003 | H01 | 4 | 7520. | 7520. | 7520. | 7520. | 7520. | 9400. | 9400. | 9400. | 9400. | | | | |
| | 006 | H01 | 3 | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 008 | H01 | 4 | 5640. | 5640. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 009 | H01 | 4 | 5640. | 5640. | 7520. | 7520. | 7520. | 9400. | 9400. | 9400. | 9400. | | | | |
| | 013 | H01 | 4 | 5640. | 5640. | 5640. | 5640. | 7520. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 015 | H01 | 4 | 5640. | 5640. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | 7520. | | | | |
| | 021 | F01 | 15 | 6. | 9. | 23. | 28. | 39. | 45. | 51. | 51. | 51. | 30. | 13.39 | 25.92 | 1.84 |
| | 026 | H01 | 4 | 1880. | 1880. | 3760. | 3760. | 3760. | 5640. | 5640. | 5640. | 5640. | | | | |
| 081 Fort Wayne | 003 | F01 | 12 | 23. | 23. | 36. | 39. | 51. | 58. | 66. | 66. | 66. | 42. | 14.37 | 39.57 | 1.45 |
| 081 Steuben Co | 001 | F03 | 12 | 3. | 6. | 9. | 21. | 36. | 39. | 41. | 41. | 41. | 23. | 14.55 | 16.77 | 2.56 |
| 082 Elkhart | 001 | F01 | 12 | 15. | 19. | 30. | 41. | 47. | 55. | 71. | 71. | 71. | 38. | 16.30 | 34.99 | 1.60 |
| 082 La Porte | 001 | F01 | 11 | 19. | 21. | 23. | 30. | 39. | 53. | 53. | 53. | 53. | 34. | 13.23 | 31.36 | 1.49 |
| 082 Mishawaka | 005 | F01 | 5 | 21. | 21. | 39. | 45. | 47. | 49. | 49. | 49. | 49. | | | | |
| | 006 | F01 | 9 | 17. | 17. | 36. | 47. | 55. | 77. | 77. | 77. | 77. | 46. | 18.33 | 42.54 | 1.57 |
| 083 Bloomington | 001 | F01 | 15 | 19. | 23. | 34. | 39. | 43. | 64. | 70. | 70. | 70. | 40. | 14.40 | 37.18 | 1.45 |
| 083 Columbus | 002 | F02 | 12 | 3. | 3. | 11. | 21. | 32. | 43. | 58. | 58. | 58. | 23. | 17.11 | 15.50 | 2.84 |
| 083 Madison | 001 | F02 | 15 | 6. | 6. | 8. | 17. | 26. | 49. | 62. | 62. | 62. | 21. | 16.95 | 15.63 | 2.25 |
| 084 Jasper Co | 001 | F03 | 13 | 3. | 3. | 6. | 15. | 24. | 32. | 56. | 56. | 56. | 18. | 15.52 | 11.43 | 2.84 |
| 084 Kokomo | 001 | F01 | 12 | 3. | 17. | 19. | 32. | 38. | 60. | 70. | 70. | 70. | 34. | 18.83 | 26.81 | 2.37 |
| 084 Lafayette | 001 | F01 | 12 | 21. | 34. | 36. | 41. | 51. | 68. | 68. | 68. | 68. | 45. | 13.88 | 42.74 | 1.39 |
| 084 Vincennes | 001 | F01 | 9 | 9. | 9. | 23. | 26. | 36. | 38. | 38. | 38. | 38. | 27. | 9.92 | 24.44 | 1.59 |
| **IOWA** | | | | | | | | | | | | | | | | |
| 068 Dubuque | 008 | P05 | 7 | 3. | 3. | 18. | 19. | 32. | 43. | 43. | 43. | 43. | 23. | 14.05 | 17.39 | 2.62 |
| 085 Carter Lake | 001 | F01 | 9 | 6. | 6. | 7. | 13. | 15. | 36. | 36. | 36. | 36. | 15. | 11.09 | 12.21 | 1.97 |
| 085 Council Bluffs | 017 | F01 | 11 | 3. | 3. | 6. | 7. | 8. | 11. | 13. | 13. | 13. | 7. | 3.21 | 6.47 | 1.70 |
| 088 Cedar Rapids | 018 | G02 | 4 | 20. | 20. | 28. | 28. | 29. | 44. | 44. | 44. | 44. | | | | |
| | 020 | G02 | 4 | 16. | 16. | 28. | 28. | 36. | 38. | 38. | 38. | 38. | | | | |
| | 023 | G01 | 5 | 14. | 14. | 27. | 29. | 30. | 34. | 34. | 34. | 34. | 27. | 7.09 | 25.78 | 1.44 |
| 092 Des Moines | 001 | P01 | 7 | 3. | 3. | 34. | 39. | 42. | 53. | 53. | 53. | 53. | 35. | 16.91 | 26.36 | 2.91 |
| | 025 | G01 | 15 | 3. | 5. | 12. | 14. | 20. | 37. | 41. | 41. | 41. | 17. | 10.98 | 13.79 | 2.10 |
| | 035 | G02 | 15 | 3. | 8. | 12. | 12. | 14. | 20. | 22. | 22. | 22. | 13. | 4.97 | 11.82 | 1.68 |
| | 036 | G02 | 15 | 3. | 3. | 3. | 15. | 24. | 41. | 64. | 64. | 64. | 18. | 17.47 | 10.90 | 3.21 |
| 092 Polk Co | 021 | G02 | 15 | 3. | 7. | 10. | 12. | 12. | 20. | 39. | 39. | 39. | 13. | 8.14 | 11.34 | 1.79 |
| | 022 | G02 | 15 | 3. | 7. | 9. | 11. | 13. | 15. | 15. | 15. | 15. | 11. | 3.39 | 10.00 | 1.56 |
| **KANSAS** | | | | | | | | | | | | | | | | |
| 094 Kansas City | 002 | H01 | 13 | 21. | 24. | 30. | 37. | 42. | 50. | 56. | 56. | 56. | 37. | 10.09 | 35.46 | 1.33 |
| | 002 | P01 | 6 | 28. | 28. | 32. | 48. | 65. | 140. | 140. | 140. | 140. | 61. | 41.00 | 52.58 | 1.78 |
| | 004 | H01 | 15 | 8. | 10. | 17. | 24. | 26. | 38. | 41. | 41. | 41. | 23. | 10.02 | 21.31 | 1.61 |
| | 009 | H01 | 14 | 17. | 21. | 32. | 37. | 44. | 64. | 65. | 65. | 65. | 41. | 16.01 | 37.98 | 1.52 |
| | 012 | P01 | 7 | 25. | 25. | 40. | 40. | 40. | 52. | 52. | 52. | 52. | 40. | 8.81 | 38.66 | 1.27 |
| 094 Leavenworth | 001 | F01 | 15 | 3. | 8. | 16. | 21. | 25. | 31. | 32. | 32. | 32. | 20. | 8.20 | 17.41 | 1.91 |
| 094 Olathe | 001 | F01 | 13 | 3. | 3. | 11. | 25. | 27. | 30. | 96. | 96. | 96. | 24. | 23.99 | 15.44 | 2.83 |
| 094 Overland Park | 001 | F01 | 15 | 14. | 16. | 18. | 23. | 31. | 43. | 51. | 51. | 51. | 26. | 10.71 | 24.21 | 1.47 |
| 095 Atchison | 001 | F01 | 13 | 7. | 12. | 21. | 23. | 34. | 54. | 56. | 56. | 56. | 28. | 14.37 | 24.20 | 1.75 |
| 095 Lawrence | 001 | F01 | 15 | 7. | 9. | 21. | 30. | 41. | 44. | 52. | 52. | 52. | 31. | 13.37 | 26.95 | 1.80 |
| 095 Pottawatomie Co | 001 | F01 | 15 | 3. | 5. | 8. | 13. | 15. | 19. | 20. | 20. | 20. | 12. | 5.53 | 10.24 | 1.82 |
| 095 Shawnee Co | 001 | F01 | 15 | 3. | 3. | 3. | 6. | 10. | 16. | 24. | 24. | 24. | 8. | 6.63 | 5.61 | 2.34 |
| | 002 | F01 | 15 | 3. | 3. | 3. | 3. | 13. | 18. | 22. | 22. | 22. | 8. | 7.17 | 5.69 | 2.54 |
| 095 Topeka | 001 | F01 | 7 | 3. | 3. | 16. | 21. | 27. | 38. | 38. | 38. | 38. | 21. | 12.94 | 15.63 | 2.61 |
| | 001 | P01 | 8 | 12. | 12. | 29. | 30. | 35. | 45. | 45. | 45. | 45. | 30. | 9.88 | 28.45 | 1.50 |
| | 002 | F01 | 15 | 3. | 13. | 21. | 25. | 28. | 36. | 48. | 48. | 48. | 24. | 10.47 | 20.92 | 1.97 |
| | 004 | F01 | 15 | 3. | 3. | 3. | 17. | 20. | 23. | 44. | 44. | 44. | 14. | 11.80 | 8.85 | 3.90 |
| | 005 | F01 | 15 | 10. | 10. | 14. | 22. | 28. | 34. | 35. | 35. | 35. | 22. | 9.07 | 20.12 | 1.57 |
| | 006 | F01 | 15 | 5. | 8. | 14. | 27. | 31. | 33. | 33. | 33. | 33. | 23. | 9.83 | 20.23 | 1.80 |
| 096 Mc Pherson | 001 | F01 | 15 | 7. | 10. | 14. | 17. | 21. | 25. | 31. | 31. | 31. | 18. | 6.45 | 16.68 | 1.49 |
| 096 Manhattan | 001 | F01 | 6 | 3. | 3. | 16. | 20. | 32. | 78. | 78. | 78. | 78. | | | | |
| 097 Goodland | 001 | F01 | 15 | 3. | 7. | 10. | 14. | 15. | 18. | 32. | 32. | 32. | 13. | 6.66 | 11.70 | 1.77 |
| 097 Phillipsburg | 001 | F01 | 15 | 3. | 6. | 13. | 15. | 17. | 21. | 23. | 23. | 23. | 14. | 5.58 | 12.85 | 1.76 |
| 098 Coffeyville | 001 | F01 | 6 | 11. | 11. | 19. | 20. | 28. | 49. | 49. | 49. | 49. | | | | |
| 098 Galena | 001 | F01 | 7 | 3. | 3. | 3. | 3. | 5. | 23. | 23. | 23. | 23. | 6. | 7.53 | 4.18 | 2.27 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1978 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **KANSAS — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 098 Linn Co | 001 | F01 | 15 | 3. | 3. | 7. | 10. | 15. | 25. | 29. | 29. | 29. | 12. | 7.73 | 9.68 | 2.06 |
| 099 Arkansas City | 001 | F01 | 14 | 3. | 9. | 18. | 25. | 27. | 37. | 38. | 38. | 38. | 23. | 10.96 | 19.64 | 2.10 |
| 099 El Dorado | 001 | F01 | 1 | 42. | 42. | 42. | 42. | 42. | 42. | 42. | 42. | 42. |  |  |  |  |
| 099 Hutchinson | 001 | F01 | 15 | 3. | 3. | 3. | 3. | 8. | 21. | 40. | 40. | 40. | 9. | 10.74 | 5.01 | 2.68 |
| 099 Sedgwick Co | 002 | F01 | 15 | 11. | 14. | 19. | 26. | 32. | 34. | 38. | 38. | 38. | 25. | 8.42 | 23.11 | 1.46 |
|  | 003 | F01 | 15 | 3. | 6. | 11. | 12. | 17. | 19. | 28. | 28. | 28. | 13. | 6.43 | 11.49 | 1.83 |
|  | 004 | F01 | 15 | 7. | 7. | 14. | 19. | 24. | 31. | 32. | 32. | 32. | 20. | 8.20 | 17.67 | 1.64 |
| 099 Wichita | 001 | F01 | 8 | 16. | 16. | 26. | 28. | 51. | 63. | 63. | 63. | 63. | 37. | 17.38 | 33.83 | 1.62 |
|  | 005 | F01 | 15 | 3. | 9. | 10. | 17. | 27. | 44. | 50. | 50. | 50. | 21. | 13.79 | 16.34 | 2.18 |
|  | 006 | F01 | 15 | 7. | 8. | 10. | 13. | 19. | 26. | 27. | 27. | 27. | 16. | 6.96 | 14.19 | 1.57 |
|  | 007 | F01 | 14 | 8. | 16. | 22. | 25. | 35. | 56. | 63. | 63. | 63. | 31. | 16.28 | 26.63 | 1.74 |
|  | 008 | F01 | 15 | 3. | 7. | 12. | 22. | 24. | 40. | 51. | 51. | 51. | 21. | 12.94 | 16.61 | 2.15 |
|  | 009 | F01 | 15 | 3. | 6. | 27. | 29. | 42. | 60. | 65. | 65. | 65. | 32. | 17.17 | 25.53 | 2.35 |
| 100 Dodge City | 001 | F01 | 13 | 3. | 6. | 11. | 13. | 18. | 23. | 24. | 24. | 24. | 14. | 6.51 | 12.30 | 1.85 |
| 100 Ulysses | 001 | F01 | 15 | 3. | 3. | 11. | 14. | 21. | 35. | 38. | 38. | 38. | 16. | 10.42 | 12.63 | 2.36 |
| **KENTUCKY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 072 Ballard Co | 002 | F01 | 14 | 19. | 19. | 23. | 24. | 27. | 31. | 33. | 33. | 33. | 25. | 4.45 | 24.57 | 1.19 |
|  | 003 | F01 | 15 | 9. | 14. | 17. | 18. | 23. | 30. | 33. | 33. | 33. | 20. | 5.92 | 19.52 | 1.35 |
| 072 Carlisle Co | 001 | F01 | 15 | 11. | 12. | 13. | 13. | 19. | 24. | 25. | 25. | 25. | 16. | 4.84 | 15.75 | 1.32 |
| 072 Central City | 002 | F01 | 15 | 11. | 19. | 26. | 32. | 36. | 41. | 50. | 50. | 50. | 30. | 9.79 | 28.53 | 1.44 |
| 072 Fulton | 001 | F01 | 15 | 15. | 19. | 21. | 23. | 26. | 33. | 33. | 33. | 33. | 24. | 5.01 | 23.48 | 1.23 |
| 072 Hopkinsville | 002 | F01 | 14 | 10. | 14. | 19. | 21. | 26. | 38. | 43. | 43. | 43. | 24. | 9.55 | 21.90 | 1.51 |
| 072 Mc Cracken Co | 001 | F02 | 14 | 3. | 3. | 3. | 3. | 9. | 11. | 14. | 14. | 14. | 6. | 4.51 | 4.68 | 2.14 |
| 072 Madisonville | 001 | F01 | 15 | 22. | 23. | 26. | 29. | 36. | 40. | 43. | 43. | 43. | 31. | 6.94 | 30.22 | 1.25 |
| 072 Marshall Co | 002 | F01 | 15 | 9. | 12. | 17. | 20. | 28. | 31. | 40. | 40. | 40. | 22. | 8.60 | 20.25 | 1.51 |
|  | 008 | F01 | 15 | 11. | 11. | 20. | 25. | 29. | 33. | 34. | 34. | 34. | 24. | 7.40 | 22.59 | 1.43 |
| 072 Murray | 001 | F01 | 15 | 13. | 13. | 21. | 24. | 27. | 36. | 39. | 39. | 39. | 25. | 7.30 | 23.58 | 1.37 |
| 072 Paducah | 001 | F01 | 15 | 13. | 15. | 19. | 25. | 27. | 39. | 42. | 42. | 42. | 25. | 8.77 | 24.09 | 1.42 |
|  | 002 | F01 | 15 | 16. | 18. | 22. | 25. | 31. | 42. | 49. | 49. | 49. | 27. | 9.02 | 26.16 | 1.36 |
|  | 003 | F01 | 15 | 18. | 21. | 27. | 31. | 36. | 43. | 56. | 56. | 56. | 32. | 9.61 | 30.91 | 1.34 |
|  | 004 | F01 | 15 | 18. | 23. | 30. | 32. | 34. | 43. | 61. | 61. | 61. | 33. | 10.09 | 31.43 | 1.33 |
|  | 005 | F03 | 15 | 11. | 12. | 15. | 20. | 25. | 35. | 50. | 50. | 50. | 22. | 10.35 | 20.45 | 1.53 |
|  | 020 | F01 | 15 | 12. | 16. | 27. | 29. | 36. | 51. | 65. | 65. | 65. | 32. | 14.20 | 28.85 | 1.58 |
| 072 Princeton | 001 | F01 | 15 | 3. | 12. | 20. | 23. | 25. | 32. | 32. | 32. | 32. | 22. | 7.57 | 19.75 | 1.86 |
| 077 Hancock Co | 002 | F01 | 14 | 3. | 7. | 11. | 19. | 23. | 25. | 35. | 35. | 35. | 18. | 8.76 | 14.94 | 1.98 |
|  | 004 | F01 | 15 | 10. | 10. | 11. | 13. | 16. | 34. | 48. | 48. | 48. | 17. | 10.62 | 14.99 | 1.58 |
| 077 Henderson | 002 | F01 | 11 | 22. | 32. | 34. | 36. | 39. | 43. | 44. | 44. | 44. | 36. | 6.06 | 35.36 | 1.21 |
|  | 003 | F01 | 10 | 3. | 3. | 16. | 19. | 22. | 26. | 32. | 32. | 32. | 19. | 7.87 | 16.60 | 2.03 |
|  | 004 | F01 | 15 | 5. | 9. | 21. | 24. | 37. | 40. | 43. | 43. | 43. | 27. | 11.83 | 23.35 | 1.82 |
|  | 005 | F01 | 14 | 8. | 14. | 24. | 26. | 31. | 32. | 34. | 34. | 34. | 25. | 8.04 | 23.82 | 1.51 |
|  | 008 | F01 | 14 | 3. | 11. | 28. | 32. | 43. | 48. | 49. | 49. | 49. | 33. | 15.04 | 26.76 | 2.27 |
|  | 009 | F01 | 14 | 3. | 13. | 21. | 25. | 40. | 41. | 43. | 43. | 43. | 28. | 13.06 | 23.23 | 2.15 |
| 077 Henderson Co | 001 | F02 | 14 | 5. | 6. | 9. | 12. | 20. | 29. | 29. | 29. | 29. | 15. | 8.18 | 13.30 | 1.77 |
| 077 Owensboro | 001 | F01 | 15 | 3. | 3. | 8. | 26. | 32. | 44. | 45. | 45. | 45. | 23. | 15.48 | 14.78 | 3.26 |
|  | 002 | F01 | 14 | 3. | 3. | 21. | 24. | 30. | 35. | 37. | 37. | 37. | 22. | 11.16 | 17.61 | 2.45 |
|  | 003 | F01 | 14 | 3. | 3. | 16. | 19. | 24. | 28. | 29. | 29. | 29. | 18. | 9.49 | 13.40 | 2.56 |
|  | 005 | F01 | 13 | 3. | 15. | 27. | 33. | 38. | 41. | 46. | 46. | 46. | 30. | 11.82 | 25.55 | 2.15 |
|  | 006 | F01 | 13 | 14. | 17. | 25. | 30. | 34. | 35. | 37. | 37. | 37. | 28. | 7.33 | 27.42 | 1.35 |
|  | 008 | F01 | 15 | 15. | 29. | 38. | 42. | 46. | 55. | 64. | 64. | 64. | 41. | 11.82 | 39.43 | 1.41 |
| 078 Buechel | 001 | G01 | 13 | 3. | 19. | 29. | 39. | 52. | 65. | 87. | 87. | 87. | 42. | 21.62 | 33.56 | 2.40 |
| 078 Jefferson Co | 013 | G01 | 13 | 3. | 3. | 10. | 31. | 45. | 58. | 74. | 74. | 74. | 32. | 22.90 | 20.81 | 3.16 |
|  | 027 | G03 | 14 | 3. | 3. | 16. | 18. | 26. | 41. | 46. | 46. | 46. | 20. | 13.78 | 14.46 | 2.64 |
| 078 Louisville | 004 | G02 | 14 | 5. | 6. | 34. | 42. | 49. | 59. | 60. | 60. | 60. | 39. | 18.20 | 31.62 | 2.23 |
|  | 009 | G01 | 12 | 3. | 3. | 6. | 37. | 54. | 80. | 89. | 89. | 89. | 39. | 30.79 | 20.73 | 4.29 |
|  | 011 | G01 | 14 | 12. | 17. | 44. | 57. | 71. | 82. | 95. | 95. | 95. | 56. | 24.09 | 49.60 | 1.81 |
|  | 015 | G01 | 15 | 3. | 7. | 30. | 41. | 52. | 60. | 62. | 62. | 62. | 37. | 19.85 | 28.43 | 2.57 |
|  | 019 | G01 | 15 | 3. | 18. | 34. | 51. | 53. | 68. | 127. | 127. | 127. | 49. | 28.03 | 38.66 | 2.40 |
|  | 020 | G01 | 13 | 3. | 3. | 29. | 64. | 72. | 89. | 98. | 98. | 98. | 51. | 33.70 | 29.14 | 4.23 |
|  | 021 | G01 | 15 | 3. | 3. | 28. | 37. | 55. | 61. | 109. | 109. | 109. | 41. | 26.55 | 29.41 | 2.96 |
| 078 Okolona | 001 | G01 | 13 | 3. | 3. | 18. | 35. | 51. | 62. | 63. | 63. | 63. | 35. | 20.92 | 24.75 | 3.01 |
| 078 Pleasure Ridge Park | 001 | G01 | 12 | 3. | 3. | 5. | 13. | 24. | 42. | 79. | 79. | 79. | 20. | 22.20 | 11.54 | 3.18 |
| 078 St Matthews | 004 | G01 | 10 | 3. | 3. | 30. | 37. | 53. | 57. | 90. | 90. | 90. | 41. | 24.72 | 30.41 | 2.79 |
| 078 Shively | 001 | G01 | 14 | 3. | 3. | 30. | 37. | 41. | 52. | 93. | 93. | 93. | 35. | 23.63 | 24.10 | 2.99 |
| 079 Alexandria | 001 | F01 | 15 | 7. | 10. | 14. | 16. | 20. | 25. | 28. | 28. | 28. | 17. | 5.77 | 15.72 | 1.45 |
| 079 Boone Co | 001 | F01 | 14 | 11. | 19. | 20. | 21. | 25. | 32. | 38. | 38. | 38. | 23. | 6.46 | 22.52 | 1.33 |
|  | 002 | F01 | 14 | 3. | 3. | 3. | 3. | 3. | 16. | 19. | 19. | 19. | 5. | 5.54 | 3.65 | 2.14 |
| 079 Carroll Co | 001 | F03 | 13 | 7. | 8. | 10. | 16. | 30. | 23. | 26. | 26. | 26. | 15. | 6.18 | 14.16 | 1.53 |

# NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
# GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **KENTUCKY — Cont.** | | | | | | | | | | | | | | | | |
| 079 Carrollton | 001 | F01 | 14 | 9. | 13. | 15. | 19. | 22. | 33. | 33. | 33. | 33. | 20. | 7.08 | 18.67 | 1.43 |
| 079 Covington | 006 | F01 | 13 | 28. | 30. | 35. | 37. | 41. | 49. | 66. | 66. | 66. | 40. | 9.58 | 38.70 | 1.24 |
| 079 Erlanger | 001 | F01 | 14 | 3. | 14. | 19. | 21. | 23. | 37. | 39. | 39. | 39. | 22. | 9.32 | 19.29 | 1.93 |
| 079 Falmouth | 001 | F01 | 13 | 6. | 7. | 11. | 14. | 15. | 18. | 19. | 19. | 19. | 13. | 3.91 | 12.65 | 1.41 |
| 079 Florence | 001 | F01 | 10 | 9. | 9. | 17. | 21. | 23. | 36. | 39. | 39. | 39. | 23. | 9.00 | 21.31 | 1.52 |
| 079 Fort Mitchell | 002 | F01 | 12 | 13. | 15. | 22. | 23. | 28. | 31. | 32. | 32. | 32. | 24. | 5.97 | 22.99 | 1.32 |
| 079 Fort Thomas | 001 | F01 | 15 | 12. | 18. | 24. | 25. | 27. | 31. | 32. | 32. | 32. | 25. | 5.24 | 24.34 | 1.28 |
| 079 Gallatin Co | 001 | F03 | 15 | 6. | 7. | 8. | 10. | 12. | 17. | 18. | 18. | 18. | 11. | 3.84 | 10.31 | 1.41 |
| 079 Newport | 001 | F01 | 14 | 31. | 32. | 41. | 45. | 51. | 55. | 62. | 62. | 62. | 45. | 9.81 | 43.85 | 1.25 |
| 101 Corbin | 001 | F01 | 15 | 11. | 15. | 35. | 36. | 39. | 62. | 66. | 66. | 66. | 35. | 15.74 | 31.58 | 1.68 |
| 101 Harlan | 001 | F01 | 5 | 13. | 13. | 15. | 32. | 37. | 49. | 49. | 49. | 49. | | | | |
| 101 Hazard | 001 | F01 | 3 | 3. | 3. | 3. | 12. | 29. | 29. | 29. | 29. | 29. | | | | |
| 101 London | 002 | F01 | 15 | 7. | 16. | 21. | 25. | 36. | 41. | 48. | 48. | 48. | 28. | 11.00 | 25.12 | 1.63 |
| 101 Pikeville | 001 | F01 | 4 | 3. | 3. | 15. | 15. | 24. | 29. | 29. | 29. | 29. | | | | |
| 101 Prestonsburg | 001 | F01 | 5 | 8. | 8. | 18. | 19. | 26. | 31. | 31. | 31. | 31. | | | | |
| 102 Berea | 001 | F01 | 15 | 3. | 9. | 14. | 18. | 19. | 33. | 61. | 61. | 61. | 19. | 13.49 | 15.88 | 2.00 |
| 102 Cynthiana | 001 | F01 | 14 | 13. | 20. | 23. | 26. | 28. | 46. | 47. | 47. | 47. | 28. | 9.31 | 26.46 | 1.38 |
| 102 Danville | 003 | F01 | 15 | 9. | 16. | 19. | 22. | 24. | 40. | 41. | 41. | 41. | 24. | 8.77 | 22.08 | 1.46 |
| 102 Frankfort | 002 | F01 | 15 | 11. | 13. | 17. | 23. | 25. | 28. | 29. | 29. | 29. | 21. | 6.14 | 20.00 | 1.38 |
| 102 Franklin Co | 001 | F03 | 15 | 3. | 6. | 8. | 14. | 15. | 22. | 27. | 27. | 27. | 13. | 6.37 | 11.45 | 1.81 |
| 102 Lexington | 002 | F01 | 15 | 14. | 19. | 23. | 28. | 35. | 42. | 43. | 43. | 43. | 29. | 8.63 | 27.86 | 1.37 |
| | 003 | F01 | 15 | 3. | 13. | 27. | 30. | 35. | 47. | 49. | 49. | 49. | 29. | 11.89 | 25.26 | 2.05 |
| | 004 | F01 | 15 | 3. | 12. | 25. | 29. | 31. | 44. | 57. | 57. | 57. | 29. | 12.55 | 24.49 | 2.06 |
| | 005 | F01 | 14 | 16. | 18. | 24. | 26. | 34. | 42. | 43. | 43. | 43. | 29. | 8.63 | 27.41 | 1.36 |
| 102 Richmond | 001 | F01 | 15 | 3. | 15. | 27. | 29. | 39. | 49. | 50. | 50. | 50. | 32. | 12.93 | 27.65 | 2.09 |
| 102 Winchester | 001 | F01 | 15 | 3. | 3. | 25. | 28. | 34. | 49. | 54. | 54. | 54. | 28. | 14.74 | 21.31 | 2.57 |
| 103 Ashland | 003 | F01 | 15 | 3. | 14. | 33. | 40. | 48. | 64. | 68. | 68. | 68. | 39. | 17.40 | 32.65 | 2.25 |
| | 005 | F01 | 15 | 3. | 9. | 23. | 38. | 46. | 58. | 67. | 67. | 67. | 36. | 17.74 | 28.97 | 2.33 |
| | 006 | F01 | 15 | 14. | 20. | 26. | 33. | 34. | 46. | 53. | 53. | 53. | 32. | 10.11 | 30.31 | 1.40 |
| | 007 | F01 | 15 | 10. | 14. | 21. | 27. | 28. | 37. | 49. | 49. | 49. | 26. | 9.48 | 24.30 | 1.47 |
| | 008 | F01 | 15 | 19. | 22. | 37. | 45. | 51. | 65. | 70. | 70. | 70. | 43. | 13.93 | 41.04 | 1.43 |
| 103 Carter Co | 001 | F01 | 15 | 3. | 14. | 24. | 26. | 31. | 33. | 37. | 37. | 37. | 26. | 8.56 | 22.92 | 1.93 |
| 103 Catlettsburg | 001 | F01 | 15 | 12. | 26. | 33. | 40. | 49. | 64. | 72. | 72. | 72. | 42. | 15.83 | 38.57 | 1.56 |
| 103 Greenup Co | 001 | F01 | 15 | 3. | 6. | 19. | 27. | 29. | 40. | 49. | 49. | 49. | 25. | 12.06 | 20.90 | 2.14 |
| | 002 | F01 | 13 | 9. | 23. | 26. | 30. | 35. | 39. | 48. | 48. | 48. | 30. | 9.09 | 28.21 | 1.47 |
| 103 Lawrence Co | 001 | F01 | 15 | 5. | 17. | 25. | 29. | 37. | 40. | 55. | 55. | 55. | 30. | 11.70 | 26.87 | 1.71 |
| 103 Maysville | 004 | F01 | 15 | 3. | 3. | 19. | 24. | 28. | 34. | 42. | 42. | 42. | 22. | 11.21 | 17.41 | 2.37 |
| 103 Morehead | 001 | F01 | 13 | 3. | 3. | 14. | 16. | 21. | 30. | 35. | 35. | 35. | 17. | 9.36 | 13.23 | 2.30 |
| 104 Bardstown | 001 | F01 | 13 | 3. | 11. | 17. | 21. | 28. | 33. | 34. | 34. | 34. | 21. | 9.43 | 18.38 | 2.01 |
| 104 Elizabethtown | 002 | F01 | 14 | 3. | 3. | 17. | 19. | 27. | 34. | 35. | 35. | 35. | 20. | 10.69 | 16.00 | 2.38 |
| | 003 | F01 | 15 | 9. | 13. | 20. | 22. | 30. | 33. | 37. | 37. | 37. | 24. | 7.98 | 22.45 | 1.47 |
| 104 Leitchfield | 001 | F01 | 15 | 3. | 5. | 14. | 16. | 22. | 26. | 77. | 77. | 77. | 20. | 17.27 | 15.62 | 2.18 |
| 104 Oldham Co | 002 | F01 | 15 | 6. | 12. | 18. | 22. | 24. | 33. | 37. | 37. | 37. | 22. | 8.06 | 19.88 | 1.58 |
| 104 Shelbyville | 001 | F01 | 14 | 16. | 17. | 19. | 26. | 35. | 53. | 63. | 63. | 63. | 31. | 14.16 | 27.99 | 1.54 |
| 104 Shepherdsville | 001 | F01 | 14 | 14. | 26. | 33. | 35. | 38. | 44. | 46. | 46. | 46. | 35. | 8.26 | 33.38 | 1.35 |
| 105 Bowling Green | 004 | F01 | 12 | 3. | 3. | 16. | 21. | 31. | 37. | 40. | 40. | 40. | 21. | 12.25 | 16.14 | 2.56 |
| | 005 | F01 | 15 | 3. | 10. | 17. | 22. | 25. | 38. | 50. | 50. | 50. | 23. | 11.62 | 19.21 | 2.00 |
| 105 Franklin | 001 | F01 | 12 | 3. | 14. | 23. | 25. | 33. | 39. | 43. | 43. | 43. | 25. | 11.08 | 21.49 | 2.11 |
| 105 Glasgow | 001 | F01 | 15 | 12. | 13. | 21. | 26. | 32. | 39. | 55. | 55. | 55. | 28. | 10.77 | 25.84 | 1.48 |
| 105 Russellville | 002 | F01 | 11 | 13. | 18. | 20. | 21. | 28. | 31. | 37. | 37. | 37. | 24. | 7.25 | 23.08 | 1.36 |
| 105 Somerset | 002 | F01 | 13 | 3. | 17. | 19. | 28. | 32. | 53. | 54. | 54. | 54. | 28. | 14.27 | 23.20 | 2.16 |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 128 Rochester | 014 | G01 | 14 | 13. | 13. | 17. | 28. | 41. | 51. | 62. | 62. | 62. | 31. | 15.84 | 27.66 | 1.71 |
| 129 Duluth | 004 | G01 | 9 | 36. | 36. | 39. | 43. | 49. | 90. | 90. | 90. | 90. | 51. | 18.36 | 48.62 | 1.36 |
| | 005 | G01 | 13 | 24. | 41. | 53. | 96. | 102. | 137. | 141. | 141. | 141. | 85. | 38.83 | 75.20 | 1.71 |
| 131 Dakota Co | 020 | F02 | 15 | 3. | 11. | 26. | 38. | 43. | 49. | 60. | 60. | 60. | 35. | 15.64 | 28.53 | 2.23 |
| 131 Minneapolis | 007 | H01 | 3 | 75. | 75. | 75. | 107. | 113. | 113. | 113. | 113. | 113. | | | | |
| | 007 | H05 | 1 | 66. | 66. | 66. | 66. | 66. | 66. | 66. | 66. | 66. | | | | |
| | 014 | H01 | 10 | 77. | 77. | 94. | 103. | 111. | 141. | 164. | 164. | 164. | 111. | 25.49 | 108.29 | 1.25 |
| | 027 | F01 | 14 | 21. | 21. | 39. | 56. | 66. | 75. | 90. | 90. | 90. | 53. | 22.78 | 47.51 | 1.67 |
| 131 Richfield | 001 | H02 | 16 | 3. | 3. | 19. | 28. | 73. | 100. | 105. | 105. | 105. | 41. | 35.31 | 24.22 | 3.39 |
| | 001 | H05 | 16 | 3. | 3. | 3. | 3. | 3. | 28. | 86. | 86. | 86. | 9. | 21.53 | 3.68 | 2.81 |
| 131 St Paul | 003 | H01 | 15 | 23. | 39. | 53. | 71. | 98. | 102. | 109. | 109. | 109. | 70. | 26.73 | 64.80 | 1.56 |
| | 018 | H01 | 14 | 11. | 19. | 36. | 39. | 49. | 77. | 79. | 79. | 79. | 44. | 21.60 | 38.39 | 1.76 |
| | 021 | H01 | 15 | 26. | 32. | 39. | 47. | 62. | 90. | 149. | 149. | 149. | 59. | 32.06 | 52.47 | 1.60 |
| | 030 | H01 | 14 | 41. | 47. | 64. | 70. | 81. | 103. | 105. | 105. | 105. | 73. | 18.62 | 70.77 | 1.31 |
| | 030 | H05 | 14 | 38. | 49. | 62. | 68. | 81. | 94. | 98. | 98. | 98. | 71. | 16.91 | 68.71 | 1.30 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **MINNESOTA — Cont.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 031 | H01 | 13 | 41. | 53. | 68. | 90. | 100. | 115. | 118. | 118. | 118. | 84. | 24.25 | 80.43 | 1.38 |
| 131 St Paul Park | 004 | F02 | 15 | 6. | 24. | 30. | 41. | 56. | 68. | 81. | 81. | 81. | 45. | 19.86 | 38.85 | 1.91 |
| **MISSOURI** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 070 St Louis | 001 | P01 | 4 | 49. | 49. | 55. | 55. | 63. | 69. | 69. | 69. | 69. |  |  |  |  |
| 139 Shannon Co | 002 | P03 | 8 | 3. | 3. | 3. | 3. | 6. | 12. | 12. | 12. | 12. | 5. | 3.59 | 3.92 | 1.91 |
| **NEBRASKA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 085 Omaha | 001 | P01 | 7 | 32. | 32. | 37. | 45. | 58. | 71. | 71. | 71. | 71. | 48. | 15.64 | 45.99 | 1.39 |
| 145 Lincoln | 002 | P01 | 7 | 3. | 3. | 20. | 26. | 31. | 41. | 41. | 41. | 41. | 24. | 15.10 | 16.86 | 2.90 |
| 146 Thomas Co | 001 | P03 | 8 | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. | 3. |  | 2.50 | 1.00 |
| **NEW HAMPSHIRE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 107 Berlin | 007 | F01 | 13 | 20. | 23. | 30. | 43. | 54. | 60. | 63. | 63. | 63. | 42. | 15.22 | 39.13 | 1.49 |
| 107 Northumberland | 001 | F01 | 14 | 20. | 20. | 23. | 27. | 30. | 35. | 46. | 46. | 46. | 28. | 7.28 | 26.83 | 1.28 |
| 121 Concord | 002 | F01 | 3 | 20. | 20. | 20. | 37. | 70. | 70. | 70. | 70. | 70. |  |  |  |  |
| 121 Keene | 002 | F01 | 15 | 20. | 20. | 28. | 38. | 49. | 106. | 114. | 114. | 114. | 46. | 28.83 | 39.64 | 1.73 |
|  | 004 | F01 | 8 | 27. | 27. | 29. | 36. | 53. | 68. | 68. | 68. | 68. | 43. | 15.63 | 40.72 | 1.44 |
| 121 Manchester | 009 | F01 | 14 | 29. | 30. | 65. | 72. | 86. | 99. | 127. | 127. | 127. | 72. | 27.73 | 65.93 | 1.56 |
| 121 Nashua | 005 | F01 | 15 | 35. | 36. | 66. | 74. | 88. | 125. | 180. | 180. | 180. | 80. | 36.93 | 72.95 | 1.55 |
| 121 Pembroke | 001 | F01 | 12 | 20. | 20. | 31. | 35. | 46. | 51. | 102. | 102. | 102. | 40. | 22.22 | 35.86 | 1.60 |
| 121 Portsmouth | 005 | F01 | 11 | 20. | 20. | 37. | 41. | 51. | 72. | 80. | 80. | 80. | 44. | 19.25 | 40.61 | 1.58 |
|  | 007 | F01 | 14 | 20. | 24. | 29. | 34. | 38. | 52. | 60. | 60. | 60. | 35. | 11.03 | 33.95 | 1.35 |
| 149 Plymouth | 001 | F01 | 13 | 20. | 20. | 20. | 27. | 38. | 55. | 89. | 89. | 89. | 35. | 20.10 | 30.90 | 1.61 |
| **NEW JERSEY** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 043 Elizabeth | 002 | P01 | 8 | 3. | 3. | 60. | 67. | 80. | 105. | 105. | 105. | 105. | 64. | 30.63 | 46.59 | 3.35 |
| 043 Jersey City | 001 | P01 | 8 | 14. | 14. | 27. | 28. | 47. | 56. | 56. | 56. | 56. | 36. | 15.57 | 32.41 | 1.64 |
| 043 Newark | 001 | P01 | 8 | 3. | 3. | 14. | 19. | 25. | 29. | 29. | 29. | 29. | 19. | 9.15 | 15.56 | 2.25 |
| 043 Paterson | 001 | P01 | 7 | 18. | 18. | 51. | 64. | 89. | 100. | 100. | 100. | 100. | 64. | 31.18 | 55.48 | 1.87 |
| 045 Camden | 001 | P01 | 7 | 34. | 34. | 41. | 46. | 52. | 62. | 62. | 62. | 62. | 48. | 10.25 | 46.91 | 1.24 |
| 045 Camden Co | 003 | P01 | 4 | 12. | 12. | 39. | 39. | 53. | 80. | 80. | 80. | 80. |  |  |  |  |
| 045 Glassboro | 001 | P01 | 8 | 3. | 3. | 22. | 29. | 44. | 70. | 70. | 70. | 70. | 34. | 21.43 | 24.71 | 2.84 |
| 045 Trenton | 001 | P01 | 7 | 31. | 31. | 59. | 62. | 63. | 78. | 78. | 78. | 78. | 56. | 16.55 | 54.01 | 1.40 |
| **NEW YORK** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 043 New York City | 014 | P01 | 8 | 3. | 3. | 75. | 75. | 99. | 103. | 103. | 103. | 103. | 75. | 32.38 | 54.31 | 3.51 |
| 158 Jefferson Co | 001 | P03 | 6 | 3. | 3. | 3. | 3. | 19. | 32. | 32. | 32. | 32. | 11. | 12.09 | 6.51 | 3.12 |
| 158 Syracuse | 001 | P01 | 7 | 44. | 44. | 54. | 58. | 59. | 85. | 85. | 85. | 85. | 60. | 13.33 | 58.97 | 1.24 |
| 158 Utica | 001 | P01 | 7 | 12. | 12. | 16. | 18. | 22. | 35. | 35. | 35. | 35. | 21. | 8.83 | 19.99 | 1.49 |
| 160 Rochester | 001 | P01 | 8 | 42. | 42. | 47. | 55. | 57. | 73. | 73. | 73. | 73. | 55. | 10.19 | 54.32 | 1.20 |
| 161 Albany | 001 | P01 | 7 | 9. | 9. | 31. | 33. | 51. | 87. | 87. | 87. | 87. | 44. | 28.64 | 35.30 | 2.18 |
| 162 Buffalo | 001 | P01 | 8 | 38. | 38. | 51. | 51. | 56. | 68. | 68. | 68. | 68. | 53. | 9.77 | 51.81 | 1.21 |
| 162 Niagara Falls | 001 | P01 | 8 | 33. | 33. | 42. | 44. | 57. | 73. | 73. | 73. | 73. | 50. | 13.74 | 48.04 | 1.31 |
| **NORTH CAROLINA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 136 Asheboro | 002 | F01 | 13 | 12. | 12. | 17. | 22. | 29. | 31. | 39. | 39. | 39. | 23. | 8.47 | 21.50 | 1.48 |
| 136 Burlington | 001 | F02 | 14 | 23. | 24. | 32. | 39. | 46. | 62. | 66. | 66. | 66. | 41. | 14.28 | 38.50 | 1.43 |
| 136 Eden | 002 | F02 | 13 | 10. | 10. | 16. | 25. | 33. | 38. | 88. | 88. | 88. | 28. | 20.52 | 22.87 | 1.85 |
| 136 Forsyth Co | 001 | G01 | 15 | 10. | 14. | 22. | 28. | 34. | 40. | 45. | 45. | 45. | 27. | 10.74 | 25.21 | 1.57 |
|  | 002 | G01 | 14 | 12. | 14. | 22. | 29. | 34. | 44. | 44. | 44. | 44. | 29. | 10.98 | 26.83 | 1.53 |
|  | 003 | G01 | 12 | 25. | 27. | 39. | 44. | 56. | 58. | 62. | 62. | 62. | 45. | 12.40 | 43.51 | 1.35 |
| 136 Graham | 001 | F02 | 14 | 17. | 21. | 25. | 32. | 46. | 59. | 60. | 60. | 60. | 37. | 14.70 | 34.08 | 1.52 |
| 136 Greensboro | 003 | G01 | 11 | 31. | 47. | 50. | 51. | 67. | 72. | 72. | 72. | 72. | 56. | 13.20 | 54.29 | 1.29 |
| 136 High Point | 002 | G02 | 11 | 25. | 31. | 50. | 52. | 62. | 68. | 70. | 70. | 70. | 53. | 15.01 | 50.47 | 1.40 |
| 136 Kernersville | 001 | G01 | 14 | 16. | 22. | 44. | 46. | 58. | 65. | 85. | 85. | 85. | 48. | 18.84 | 43.89 | 1.59 |
| 136 Lexington | 001 | F02 | 13 | 13. | 14. | 16. | 21. | 31. | 38. | 64. | 64. | 64. | 26. | 13.97 | 23.28 | 1.59 |
| 136 Mount Airy | 001 | F02 | 9 | 14. | 14. | 19. | 27. | 35. | 50. | 50. | 50. | 50. | 28. | 11.83 | 25.90 | 1.52 |
| 136 Reidsville | 001 | F01 | 13 | 16. | 20. | 25. | 34. | 48. | 50. | 57. | 57. | 57. | 36. | 13.69 | 32.97 | 1.51 |
| 136 Thomasville | 001 | F02 | 11 | 11. | 13. | 25. | 35. | 43. | 48. | 64. | 64. | 64. | 34. | 16.46 | 30.24 | 1.76 |
| 136 Winston-Salem | 002 | G02 | 13 | 23. | 28. | 44. | 53. | 61. | 76. | 80. | 80. | 80. | 52. | 16.90 | 49.06 | 1.44 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1972 First Quarter

| Site location | Site no. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NORTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | |
| | 003 | G02 | 15 | 39. | 40. | 46. | 54. | 68. | 71. | 72. | 72. | 72. | 56. | 12.74 | 54.56 | 1.26 |
| | 005 | G01 | 14 | 28. | 32. | 40. | 44. | 51. | 70. | 82. | 82. | 82. | 48. | 14.51 | 45.87 | 1.33 |
| | 006 | G01 | 15 | 16. | 16. | 43. | 53. | 54. | 61. | 154. | 154. | 154. | 52. | 31.54 | 45.45 | 1.73 |
| | 009 | G02 | 15 | 33. | 33. | 47. | 57. | 60. | 66. | 68. | 68. | 68. | 53. | 11.78 | 51.55 | 1.28 |
| | 012 | G02 | 15 | 10. | 29. | 47. | 49. | 57. | 77. | 79. | 79. | 79. | 50. | 16.95 | 45.83 | 1.63 |
| 165 Alexander Co | 001 | G01 | 7 | 27. | 27. | 31. | 32. | 36. | 44. | 44. | 44. | 44. | 34. | 5.77 | 33.31 | 1.18 |
| 165 Boone | 001 | F02 | 12 | 10. | 10. | 10. | 10. | 10. | 10. | 24. | 24. | 24. | 11. | 4.04 | 10.76 | 1.29 |
| 165 Burke Co | 001 | G02 | 8 | 16. | 16. | 17. | 20. | 21. | 45. | 45. | 45. | 45. | 23. | 9.92 | 21.71 | 1.43 |
| 165 Forest City | 001 | F01 | 10 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 165 Hickory | [illegible] | G01 | 6 | 37. | 37. | 39. | 40. | 42. | 53. | 53. | 53. | 53. | 42. | 5.66 | 41.71 | 1.13 |
| 165 Kings Mountain | 001 | G01 | 15 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 165 Lenoir | 002 | G01 | 9 | 19. | 19. | 22. | 25. | 41. | 54. | 54. | 54. | 54. | 32. | 13.64 | 29.40 | 1.49 |
| 165 Mc Dowell Co | 001 | F02 | 15 | 10. | 10. | 10. | 10. | 10. | 10. | 47. | 47. | 47. | 12. | 9.55 | 11.09 | 1.49 |
| 165 Marion | 001 | F01 | 11 | 10. | 10. | 10. | 10. | 10. | 60. | 116. | 116. | 116. | 24. | 33.95 | 14.71 | 2.29 |
| 165 Morganton | 002 | G01 | 8 | 14. | 14. | 36. | 37. | 55. | 57. | 57. | 57. | 57. | 41. | 14.64 | 37.99 | 1.58 |
| 165 Newton | 001 | G01 | 6 | 27. | 27. | 28. | 34. | 45. | 51. | 51. | 51. | 51. | 37. | 9.50 | 35.85 | 1.29 |
| 165 Wilkes Co | 001 | F01 | 10 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 165 Yancey Co | 002 | F01 | 13 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 166 Chapel Hill | 003 | F01 | 15 | 12. | 12. | 26. | 28. | 32. | 43. | 52. | 52. | 52. | 28. | 11.41 | 25.90 | 1.57 |
| 166 Chatham Co | 002 | F01 | 15 | 10. | 10. | 10. | 18. | 19. | 28. | 44. | 44. | 44. | 18. | 9.06 | 16.14 | 1.55 |
| 166 Durham | 001 | G01 | 14 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 166 Henderson | 002 | F01 | 13 | 10. | 10. | 11. | 13. | 24. | 35. | 35. | 35. | 35. | 18. | 9.19 | 16.35 | 1.61 |
| 166 Raleigh | 002 | F01 | 15 | 24. | 28. | 35. | 45. | 53. | 60. | 71. | 71. | 71. | 46. | 13.08 | 43.71 | 1.35 |
| | 003 | F01 | 11 | 15. | 21. | 23. | 30. | 40. | 48. | 49. | 49. | 49. | 32. | 11.63 | 30.44 | 1.47 |
| | 006 | F01 | 10 | 30. | 30. | 38. | 39. | 57. | 85. | 90. | 90. | 90. | 51. | 21.36 | 47.78 | 1.46 |
| 166 Roanoke Rapids | 001 | F02 | 15 | 10. | 10. | 21. | 28. | 31. | 44. | 63. | 63. | 63. | 27. | 14.51 | 23.91 | 1.76 |
| 166 Rocky Mount | 001 | F01 | 15 | 20. | 20. | 29. | 31. | 42. | 50. | 64. | 64. | 64. | 36. | 12.54 | 33.90 | 1.42 |
| 166 Roxboro | 001 | F02 | 15 | 10. | 10. | 10. | 16. | 19. | 29. | 30. | 30. | 30. | 17. | 7.23 | 15.46 | 1.52 |
| 166 Sanford | 001 | F01 | 14 | 13. | 15. | 18. | 25. | 34. | 43. | 48. | 48. | 48. | 28. | 11.70 | 25.97 | 1.55 |
| 166 Smithfield | 001 | F01 | 14 | 10. | 10. | 19. | 25. | 34. | 44. | 46. | 46. | 46. | 26. | 11.97 | 23.62 | 1.67 |
| 166 Wilson | 001 | F02 | 10 | 16. | 16. | 19. | 23. | 31. | 37. | 110. | 110. | 110. | 34. | 27.86 | 28.03 | 1.75 |
| 167 Albemarle | 001 | F01 | 11 | 10. | 16. | 19. | 27. | 34. | 40. | 44. | 44. | 44. | 27. | 10.85 | 24.36 | 1.57 |
| 167 Belmont | 001 | G02 | 15 | 20. | 27. | 32. | 42. | 68. | 78. | 100. | 100. | 100. | 50. | 23.97 | 45.27 | 1.62 |
| 167 Bessemer City | 006 | G02 | 15 | 15. | 15. | 31. | 34. | 40. | 45. | 56. | 56. | 56. | 34. | 11.57 | 31.92 | 1.49 |
| 167 Charlotte | 001 | G01 | 15 | 31. | 35. | 39. | 44. | 55. | 60. | 64. | 64. | 64. | 46. | 9.78 | 45.32 | 1.23 |
| | 004 | G01 | 15 | 10. | 35. | 32. | 60. | 68. | 77. | 86. | 86. | 86. | 57. | 18.88 | 52.49 | 1.68 |
| | 006 | G01 | 15 | 41. | 45. | 49. | 54. | 60. | 77. | 84. | 84. | 84. | 56. | 12.05 | 54.90 | 1.22 |
| | 008 | G01 | 15 | 22. | 23. | 30. | 38. | 45. | 57. | 63. | 63. | 63. | 38. | 12.64 | 36.44 | 1.39 |
| | 009 | G02 | 15 | 14. | 21. | 22. | 28. | 31. | 38. | 39. | 39. | 39. | 28. | 7.26 | 26.71 | 1.33 |
| | 011 | G01 | 13 | 10. | 31. | 38. | 43. | 45. | 56. | 62. | 62. | 62. | 41. | 12.55 | 38.57 | 1.56 |
| 167 Cherryville | 002 | G01 | 15 | 21. | 22. | 28. | 39. | 45. | 52. | 52. | 52. | 52. | 37. | 10.58 | 35.52 | 1.37 |
| 167 Dallas | 003 | G01 | 15 | 16. | 17. | 22. | 34. | 40. | 47. | 47. | 47. | 47. | 31. | 11.29 | 29.39 | 1.47 |
| 167 Davidson | 001 | G01 | 15 | 10. | 18. | 29. | 31. | 44. | 53. | 59. | 59. | 59. | 34. | 13.99 | 30.93 | 1.60 |
| 167 Gastonia | 002 | G02 | 13 | 16. | 29. | 39. | 54. | 64. | 71. | 106. | 106. | 106. | 52. | 23.12 | 46.95 | 1.62 |
| 167 Iredell Co | 001 | F02 | 13 | 10. | 10. | 15. | 21. | 22. | 31. | 41. | 41. | 41. | 20. | 8.85 | 18.48 | 1.55 |
| 167 Kannapolis | 004 | F02 | 15 | 10. | 18. | 22. | 26. | 35. | 48. | 74. | 74. | 74. | 30. | 15.18 | 27.45 | 1.58 |
| 167 Lincolnton | 001 | F01 | 15 | 10. | 10. | 16. | 21. | 24. | 26. | 29. | 29. | 29. | 20. | 6.08 | 18.73 | 1.42 |
| | 002 | F01 | 14 | 10. | 11. | 16. | 17. | 25. | 47. | 54. | 54. | 54. | 23. | 12.90 | 20.66 | 1.63 |
| 167 Mecklenburg Co | 001 | G01 | 14 | 15. | 15. | 17. | 21. | 25. | 29. | 36. | 36. | 36. | 22. | 6.43 | 21.32 | 1.33 |
| 167 Monroe | 001 | F01 | 15 | 11. | 17. | 19. | 22. | 31. | 39. | 43. | 43. | 43. | 26. | 9.46 | 24.17 | 1.46 |
| 167 Mount Holly | 001 | G02 | 15 | 20. | 23. | 25. | 36. | 44. | 64. | 71. | 71. | 71. | 38. | 15.76 | 35.63 | 1.49 |
| 167 Rowan Co | 005 | G02 | 14 | 22. | 26. | 32. | 37. | 39. | 57. | 78. | 78. | 78. | 39. | 14.09 | 36.88 | 1.37 |
| 167 Salisbury | 002 | G01 | 12 | 20. | 25. | 31. | 36. | 46. | 63. | 87. | 87. | 87. | 41. | 18.27 | 38.39 | 1.49 |
| 167 Statesville | 001 | F01 | 13 | 17. | 18. | 25. | 35. | 40. | 60. | 91. | 91. | 91. | 37. | 19.97 | 33.48 | 1.60 |
| 168 Ahoskie | 001 | F01 | 13 | 10. | 10. | 10. | 17. | 19. | 34. | 38. | 38. | 38. | 19. | 8.98 | 16.89 | 1.57 |
| 168 Beaufort Co | 001 | F02 | 15 | 10. | 10. | 10. | 10. | 10. | 10. | 16. | 16. | 16. | 10. | 1.55 | 10.32 | 1.13 |
| 168 Bertie Co | 001 | F02 | 15 | 10. | 10. | 10. | 16. | 21. | 23. | 30. | 30. | 30. | 16. | 6.40 | 15.33 | 1.48 |
| 168 Edenton | 001 | F01 | 14 | 10. | 10. | 10. | 10. | 14. | 18. | 21. | 21. | 21. | 13. | 3.65 | 12.50 | 1.30 |
| 168 Elizabeth City | 001 | F01 | 14 | 10. | 10. | 12. | 13. | 15. | 33. | 34. | 34. | 34. | 17. | 8.71 | 15.69 | 1.54 |
| 168 Farmville | 001 | F02 | 14 | 10. | 10. | 10. | 10. | 14. | 20. | 26. | 26. | 26. | 13. | 4.77 | 12.73 | 1.36 |
| 168 Greenville | 001 | F01 | 15 | 10. | 11. | 24. | 29. | 33. | 45. | 50. | 50. | 50. | 28. | 11.99 | 25.73 | 1.63 |
| 168 Hertford Co | 001 | F02 | 14 | 10. | 10. | 10. | 10. | 15. | 19. | 20. | 20. | 20. | 13. | 3.86 | 12.16 | 1.32 |
| | 002 | F02 | 14 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 168 Plymouth | 001 | F02 | 14 | 10. | 10. | 10. | 10. | 13. | 22. | 26. | 26. | 26. | 13. | 5.27 | 12.60 | 1.40 |
| 168 Washington | 001 | F01 | 14 | 10. | 10. | 10. | 12. | 19. | 24. | 28. | 28. | 28. | 16. | 6.53 | 14.58 | 1.48 |
| 169 Dunn | 001 | F01 | 15 | 17. | 22. | 29. | 35. | 45. | 50. | 54. | 54. | 54. | 36. | 11.52 | 33.90 | 1.41 |
| 169 Fayetteville | 002 | F01 | 15 | 16. | 18. | 35. | 45. | 51. | 51. | 60. | 60. | 60. | 40. | 13.60 | 37.51 | 1.52 |
| | 003 | F02 | 15 | 26. | 28. | 39. | 49. | 55. | 78. | 78. | 78. | 78. | 49. | 15.15 | 47.12 | 1.38 |
| 169 Laurinburg | 001 | F01 | 15 | 10. | 10. | 18. | 24. | 31. | 40. | 42. | 42. | 42. | 24. | 10.88 | 21.32 | 1.67 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NORTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | |
| 169 Lumberton | 002 | F01 | 15 | 19. | 23. | 30. | 38. | 41. | 51. | 52. | 52. | 52. | 36. | 10.40 | 34.74 | 1.37 |
| 169 Rockingham | 002 | F01 | 15 | 11. | 14. | 23. | 28. | 35. | 42. | 49. | 49. | 49. | 29. | 10.69 | 26.62 | 1.53 |
| 169 Southern Pines | 001 | F01 | 15 | 13. | 13. | 21. | 27. | 30. | 42. | 43. | 43. | 43. | 26. | 10.11 | 24.11 | 1.53 |
| 170 Columbus Co | 001 | F02 | 13 | 10. | 10. | 10. | 10. | 13. | 17. | 36. | 36. | 36. | 13. | 7.24 | 12.10 | 1.45 |
| | 002 | F02 | 14 | 10. | 10. | 10. | 11. | 12. | 14. | 17. | 17. | 17. | 12. | 2.06 | 11.49 | 1.18 |
| 170 Craven Co | 001 | F02 | 13 | 10. | 10. | 10. | 10. | 12. | 13. | 14. | 14. | 14. | 11. | 1.50 | 10.84 | 1.14 |
| 170 Duplin Co | 001 | F01 | 15 | 10. | 10. | 10. | 10. | 12. | 15. | 18. | 18. | 18. | 12. | 2.48 | 11.59 | 1.21 |
| 170 Goldsboro | 002 | F01 | 15 | 10. | 10. | 19. | 20. | 27. | 32. | 41. | 41. | 41. | 22. | 9.08 | 20.56 | 1.54 |
| 170 Jacksonville | 002 | F01 | 14 | 10. | 10. | 10. | 10. | 13. | 14. | 19. | 19. | 19. | 12. | 2.61 | 11.56 | 1.22 |
| 170 Kinston | 001 | F02 | 13 | 10. | 10. | 10. | 10. | 10. | 10. | 18. | 18. | 18. | 11. | 2.22 | 10.46 | 1.18 |
| 170 Morehead City | 001 | F02 | 14 | 10. | 10. | 10. | 11. | 15. | 24. | 27. | 27. | 27. | 14. | 5.83 | 13.52 | 1.44 |
| 170 New Bern | 001 | F01 | 15 | 10. | 10. | 10. | 12. | 15. | 27. | 35. | 35. | 35. | 15. | 7.49 | 13.91 | 1.51 |
| 170 Wallace | 001 | F01 | 15 | 11. | 11. | 12. | 14. | 16. | 24. | 30. | 30. | 30. | 15. | 5.36 | 14.58 | 1.35 |
| 170 Wilmington | 002 | F01 | 15 | 10. | 10. | 13. | 22. | 26. | 43. | 43. | 43. | 43. | 22. | 10.80 | 19.42 | 1.64 |
| | 004 | F02 | 15 | 10. | 10. | 10. | 10. | 10. | 14. | 16. | 16. | 16. | 11. | 1.80 | 10.55 | 1.16 |
| 171 Asheville | 002 | I01 | 15 | 10. | 10. | 22. | 31. | 51. | 76. | 78. | 78. | 78. | 36. | 23.90 | 28.60 | 2.14 |
| | 003 | I01 | 13 | 10. | 10. | 10. | 20. | 32. | 95. | 114. | 114. | 114. | 32. | 33.91 | 21.96 | 2.35 |
| | 004 | I02 | 15 | 10. | 10. | 10. | 37. | 58. | 62. | 266. | 266. | 266. | 50. | 63.35 | 30.96 | 2.64 |
| | 005 | I01 | 15 | 10. | 10. | 10. | 32. | 37. | 55. | 56. | 56. | 56. | 29. | 16.52 | 24.13 | 1.98 |
| 171 Brevard | 001 | F02 | 14 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | 10.00 | 1.00 |
| 171 Buncombe Co | 021 | I01 | 15 | 10. | 10. | 10. | 23. | 32. | 56. | 73. | 73. | 73. | 26. | 18.42 | 21.50 | 1.94 |
| | 023 | I02 | 15 | 10. | 10. | 10. | 10. | 30. | 42. | 49. | 49. | 49. | 22. | 14.33 | 17.67 | 1.93 |
| 171 Canton | 002 | I02 | 14 | 10. | 10. | 27. | 32. | 42. | 73. | 89. | 89. | 89. | 38. | 23.46 | 30.98 | 1.96 |
| 171 Haywood Co | 006 | I02 | 12 | 10. | 10. | 10. | 10. | 31. | 81. | 174. | 174. | 174. | 38. | 48.57 | 22.24 | 2.70 |
| 171 Hendersonville | 002 | F01 | 1 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | | | |
| | 003 | F02 | 14 | 10. | 10. | 10. | 10. | 10. | 10. | 42. | 42. | 42. | 12. | 8.55 | 11.08 | 1.47 |
| 171 Jackson Co | 002 | F02 | 2 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | | | 1.00 |
| 171 Swain Co | 001 | F01 | 15 | 10. | 10. | 10. | 10. | 10. | 31. | 83. | 83. | 83. | 16. | 19.24 | 12.42 | 1.82 |
| 171 Waynesville | 003 | I01 | 11 | 10. | 10. | 10. | 10. | 16. | 33. | 49. | 49. | 49. | 17. | 12.93 | 14.55 | 1.79 |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 186 Dewey | 219 | F01 | 12 | 3. | 3. | 8. | 11. | 14. | 18. | 22. | 22. | 22. | 11. | 5.74 | 9.32 | 1.99 |
| 186 Muskogee | 166 | F01 | 14 | 3. | 3. | 18. | 21. | 26. | 30. | 37. | 37. | 37. | 20. | 10.26 | 15.85 | 2.38 |
| 186 Rogers Co | 194 | F01 | 11 | 3. | 3. | 3. | 3. | 3. | 7. | 7. | 7. | 7. | 3. | 1.82 | 3.01 | 1.52 |
| 186 Tulsa | 110 | F01 | 13 | 3. | 17. | 36. | 38. | 42. | 63. | 129. | 129. | 129. | 43. | 29.94 | 32.85 | 2.48 |
| | 112 | F01 | 12 | 29. | 36. | 41. | 53. | 57. | 115. | 124. | 124. | 124. | 61. | 30.30 | 55.49 | 1.56 |
| | 131 | F01 | 14 | 15. | 19. | 25. | 32. | 42. | 61. | 68. | 68. | 68. | 36. | 16.60 | 32.35 | 1.60 |
| 186 Wagoner Co | 165 | F01 | 13 | 3. | 3. | 3. | 8. | 12. | 16. | 46. | 46. | 46. | 11. | 11.57 | 7.34 | 2.44 |
| 188 Seminole Co | 331 | F01 | 8 | 6. | 6. | 7. | 9. | 10. | 132. | 132. | 132. | 132. | 24. | 43.63 | 11.96 | 2.71 |
| 189 Lawton | 646 | F01 | 11 | 3. | 18. | 21. | 23. | 34. | 50. | 57. | 57. | 57. | 29. | 16.37 | 23.33 | 2.33 |
| | 650 | F01 | 15 | 3. | 3. | 3. | 7. | 9. | 13. | 14. | 14. | 14. | 6. | 4.10 | 5.00 | 2.01 |
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Philadelphia | 002 | P01 | 1 | 73. | 73. | 73. | 73. | 73. | 73. | 73. | 73. | 73. | | | | |
| | 004 | F01 | 1 | 83. | 83. | 83. | 83. | 83. | 83. | 83. | 83. | 83. | | | | |
| 045 Warminster | 001 | P01 | 1 | 32. | 32. | 32. | 32. | 32. | 32. | 32. | 32. | 32. | | | | |
| 045 West Chester | 001 | P01 | 1 | 57. | 57. | 57. | 57. | 57. | 57. | 57. | 57. | 57. | | | | |
| 151 Allentown | 001 | P01 | 1 | 46. | 46. | 46. | 46. | 46. | 46. | 46. | 46. | 46. | | | | |
| 151 Reading | 001 | P01 | 1 | 49. | 49. | 49. | 49. | 49. | 49. | 49. | 49. | 49. | | | | |
| 151 Scranton | 001 | P01 | 1 | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | 52. | | | | |
| 178 Erie | 002 | P01 | 1 | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | | | | |
| 196 Lancaster City | 001 | P01 | 1 | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | 12. | | | | |
| 196 York | 001 | P01 | 1 | 30. | 30. | 30. | 30. | 30. | 30. | 30. | 30. | 30. | | | | |
| 197 Pittsburgh | 001 | P01 | 1 | 88. | 88. | 88. | 88. | 88. | 88. | 88. | 88. | 88. | | | | |
| **PUERTO RICO** | | | | | | | | | | | | | | | | |
| 244 Guayanilla Co | 002 | P01 | 8 | 3. | 3. | 3. | 3. | 3. | 10. | 10. | 10. | 10. | 3. | 2.65 | 2.97 | 1.63 |
| 244 Ponce | 002 | P01 | 7 | 3. | 3. | 10. | 16. | 16. | 24. | 24. | 24. | 24. | 14. | 9.01 | 9.88 | 2.68 |
| 244 Sabana Seca | 001 | P01 | 8 | 3. | 3. | 13. | 13. | 22. | 24. | 24. | 24. | 24. | 14. | 8.40 | 10.70 | 2.54 |
| 244 San Juan Co | 001 | P01 | 8 | 10. | 10. | 18. | 27. | 31. | 41. | 41. | 41. | 41. | 26. | 10.30 | 23.37 | 1.60 |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 053 Aiken | 001 | F01 | 12 | 3. | 3. | 7. | 9. | 28. | 46. | 50. | 50. | 50. | 19. | 17.77 | 11.18 | 3.15 |
| 053 Aiken Co | 001 | F01 | 14 | 19. | 25. | 37. | 38. | 60. | 71. | 92. | 92. | 92. | 47. | 20.96 | 42.84 | 1.58 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **SOUTH CAROLINA—Cont.** | | | | | | | | | | | | | | | | |
| 053 North Augusta | 001 | F01 | 13 | 3. | 21. | 24. | 39. | 49. | 53. | 61. | 61. | 61. | 37. | 16.32 | 30.43 | 2.29 |
| 053 Orangeburg | 001 | F01 | 14 | 3. | 3. | 10. | 15. | 23. | 51. | 65. | 65. | 65. | 22. | 18.87 | 13.86 | 2.99 |
| 058 Beaufort | 001 | F01 | 12 | 3. | 3. | 7. | 13. | 25. | 27. | 29. | 29. | 29. | 15. | 9.85 | 11.34 | 2.42 |
| 058 Beaufort Co | 001 | F01 | 14 | 3. | 3. | 3. | 6. | 8. | 16. | 21. | 21. | 21. | 7. | 5.54 | 5.83 | 2.09 |
| | 002 | F01 | 15 | 3. | 3. | 3. | 6. | 13. | 46. | 62. | 62. | 62. | 14. | 18.32 | 7.31 | 3.11 |
| 058 Jasper Co | 001 | F01 | 15 | 6. | 6. | 15. | 26. | 33. | 44. | 53. | 53. | 53. | 26. | 14.71 | 21.17 | 2.06 |
| 167 Lancaster | 001 | F01 | 15 | 8. | 16. | 20. | 35. | 42. | 61. | 81. | 81. | 81. | 34. | 19.32 | 29.50 | 1.83 |
| 167 Rock Hill | 001 | F01 | 15 | 6. | 6. | 26. | 33. | 44. | 57. | 68. | 68. | 68. | 35. | 17.56 | 28.97 | 2.05 |
| | 004 | F01 | 15 | 24. | 30. | 40. | 47. | 56. | 71. | 72. | 72. | 72. | 47. | 14.88 | 45.15 | 1.39 |
| 167 York | 001 | F01 | 15 | 3. | 6. | 15. | 27. | 43. | 53. | 55. | 55. | 55. | 28. | 17.59 | 21.07 | 2.52 |
| 167 York Co | 001 | F03 | 14 | 7. | 12. | 20. | 28. | 34. | 43. | 45. | 45. | 45. | 28. | 11.73 | 24.69 | 1.70 |
| 198 Camden | 001 | F01 | 13 | 3. | 3. | 3. | 3. | 37. | 39. | 71. | 71. | 71. | 19. | 22.84 | 7.44 | 4.24 |
| 198 Sumter | 001 | F01 | 15 | 3. | 3. | 3. | 13. | 19. | 47. | 57. | 57. | 57. | 19. | 18.80 | 9.91 | 3.50 |
| | 003 | F01 | 15 | 3. | 6. | 16. | 18. | 21. | 34. | 45. | 45. | 45. | 19. | 10.66 | 15.98 | 2.02 |
| 199 Berkeley Co | 001 | F01 | 15 | 3. | 3. | 6. | 9. | 11. | 21. | 29. | 29. | 29. | 10. | 7.05 | 8.45 | 1.99 |
| 199 Charleston | 001 | G01 | 15 | 3. | 3. | 3. | 6. | 38. | 71. | 117. | 117. | 117. | 27. | 34.98 | 10.14 | 4.59 |
| 199 Charleston Co | 003 | F02 | 13 | 3. | 3. | 22. | 26. | 55. | 62. | 68. | 68. | 68. | 34. | 22.14 | 23.89 | 2.99 |
| | 010 | F01 | 14 | 3. | 3. | 3. | 12. | 24. | 59. | 59. | 59. | 59. | 19. | 19.91 | 9.73 | 3.63 |
| | 037 | F01 | 14 | 3. | 3. | 3. | 10. | 23. | 48. | 50. | 50. | 50. | 19. | 18.73 | 10.71 | 3.46 |
| | 038 | F01 | 15 | 3. | 3. | 35. | 49. | 66. | 80. | 123. | 123. | 123. | 49. | 31.79 | 33.02 | 3.22 |
| 199 Mount Pleasant | 001 | F01 | 13 | 3. | 3. | 8. | 16. | 20. | 21. | 31. | 31. | 31. | 14. | 8.30 | 11.32 | 2.22 |
| 200 Columbia | 003 | F01 | 15 | 3. | 15. | 22. | 42. | 50. | 69. | 85. | 85. | 85. | 39. | 22.74 | 30.89 | 2.39 |
| | 006 | F01 | 15 | 18. | 21. | 34. | 43. | 47. | 53. | 79. | 79. | 79. | 41. | 15.41 | 37.98 | 1.49 |
| 200 Newberry | 001 | F01 | 14 | 3. | 3. | 16. | 17. | 20. | 30. | 31. | 31. | 31. | 18. | 8.45 | 14.41 | 2.20 |
| 200 Richland Co | 002 | F03 | 15 | 3. | 5. | 8. | 11. | 15. | 30. | 39. | 39. | 39. | 14. | 10.03 | 11.57 | 2.04 |
| | 003 | F01 | 15 | 3. | 3. | 26. | 36. | 50. | 67. | 82. | 82. | 82. | 37. | 23.85 | 26.14 | 2.98 |
| 200 West Columbia | 001 | F01 | 14 | 3. | 3. | 38. | 46. | 64. | 75. | 88. | 88. | 88. | 48. | 24.69 | 34.44 | 3.14 |
| 201 Florence | 001 | F01 | 11 | 3. | 7. | 9. | 20. | 27. | 30. | 35. | 35. | 35. | 18. | 11.21 | 14.40 | 2.28 |
| 202 Anderson | 001 | F01 | 15 | 10. | 19. | 29. | 40. | 44. | 59. | 71. | 71. | 71. | 38. | 15.62 | 34.49 | 1.64 |
| 202 Anderson Co | 001 | F03 | 15 | 3. | 5. | 18. | 32. | 41. | 52. | 59. | 59. | 59. | 30. | 17.30 | 23.15 | 2.49 |
| 202 Greenville | 001 | F01 | 15 | 18. | 29. | 47. | 54. | 63. | 77. | 79. | 79. | 79. | 54. | 16.79 | 50.75 | 1.47 |
| | 002 | F01 | 14 | 16. | 21. | 40. | 44. | 48. | 68. | 76. | 76. | 76. | 45. | 16.40 | 41.41 | 1.52 |
| 202 Greenville Co | 001 | F01 | 15 | 11. | 15. | 26. | 34. | 41. | 53. | 65. | 65. | 65. | 34. | 14.86 | 30.74 | 1.64 |
| | 003 | F03 | 13 | 3. | 3. | 12. | 16. | 20. | 39. | 74. | 74. | 74. | 20. | 18.92 | 14.22 | 2.58 |
| 202 Greer | 001 | F01 | 15 | 14. | 16. | 32. | 37. | 44. | 51. | 59. | 59. | 59. | 37. | 12.75 | 34.15 | 1.51 |
| 202 Pickens | 001 | F01 | 15 | 8. | 9. | 30. | 39. | 44. | 53. | 75. | 75. | 75. | 39. | 16.81 | 33.94 | 1.85 |
| 202 Simpsonville | 001 | F01 | 14 | 3. | 12. | 25. | 26. | 31. | 45. | 69. | 69. | 69. | 29. | 15.82 | 24.24 | 2.17 |
| 202 Spartanburg | 001 | F01 | 15 | 26. | 30. | 49. | 67. | 74. | 78. | 97. | 97. | 97. | 60. | 20.93 | 56.38 | 1.50 |
| | 006 | F01 | 12 | 12. | 14. | 28. | 39. | 52. | 66. | 121. | 121. | 121. | 46. | 29.46 | 38.16 | 1.93 |
| 202 Spartanburg Co | 002 | F03 | 15 | 3. | 6. | 15. | 21. | 28. | 54. | 79. | 79. | 79. | 26. | 19.92 | 18.83 | 2.41 |
| | 004 | F01 | 14 | 3. | 11. | 28. | 40. | 46. | 88. | 116. | 116. | 116. | 44. | 30.92 | 31.54 | 2.69 |
| 202 Woodruff | 001 | F01 | 12 | 3. | 6. | 10. | 20. | 22. | 28. | 35. | 35. | 35. | 17. | 9.70 | 14.00 | 2.15 |
| 203 Greenwood | 001 | F01 | 14 | 8. | 9. | 30. | 35. | 43. | 60. | 61. | 61. | 61. | 35. | 17.53 | 29.38 | 1.99 |
| 203 Laurens | 001 | F01 | 15 | 3. | 11. | 30. | 34. | 49. | 57. | 71. | 71. | 71. | 38. | 18.38 | 31.30 | 2.30 |
| 204 Conway | 006 | F01 | 10 | 3. | 3. | 3. | 9. | 12. | 20. | 34. | 34. | 34. | 12. | 9.78 | 8.17 | 2.52 |
| 204 Georgetown | 001 | F01 | 10 | 3. | 3. | 8. | 15. | 22. | 28. | 32. | 32. | 32. | 17. | 10.51 | 12.73 | 2.58 |
| | 006 | F01 | 12 | 3. | 3. | 8. | 19. | 29. | 46. | 62. | 62. | 62. | 22. | 18.43 | 13.65 | 3.16 |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 007 Marion Co | 001 | F01 | 14 | 3. | 6. | 23. | 24. | 28. | 28. | 32. | 32. | 32. | 22. | 8.94 | 19.02 | 2.07 |
| 007 Nashville | 004 | G01 | 15 | 3. | 3. | 8. | 14. | 20. | 23. | 31. | 31. | 31. | 14. | 8.28 | 11.49 | 2.16 |
| 007 Tullahoma | 002 | F01 | 15 | 3. | 9. | 11. | 15. | 19. | 30. | 32. | 32. | 32. | 16. | 7.79 | 14.26 | 1.83 |
| 018 Memphis | 013 | G01 | 13 | 31. | 33. | 59. | 68. | 87. | 105. | 121. | 121. | 121. | 72. | 25.96 | 67.23 | 1.50 |
| | 016 | G01 | 14 | 40. | 42. | 53. | 55. | 72. | 94. | 145. | 145. | 145. | 66. | 27.30 | 61.94 | 1.41 |
| | 018 | G01 | 12 | 32. | 34. | 45. | 59. | 64. | 99. | 137. | 137. | 137. | 66. | 30.27 | 60.11 | 1.54 |
| | 021 | G01 | 14 | 29. | 36. | 38. | 51. | 65. | 111. | 130. | 130. | 130. | 60. | 29.37 | 54.34 | 1.55 |
| | 022 | G01 | 14 | 29. | 31. | 42. | 59. | 68. | 110. | 136. | 136. | 136. | 63. | 31.50 | 56.79 | 1.61 |
| | 023 | G01 | 12 | 22. | 23. | 35. | 49. | 70. | 72. | 90. | 90. | 90. | 52. | 21.65 | 47.47 | 1.59 |
| | 024 | G01 | 14 | 33. | 39. | 62. | 69. | 78. | 115. | 120. | 120. | 120. | 73. | 27.14 | 68.30 | 1.49 |
| 018 Shelby Co | 002 | G01 | 14 | 18. | 26. | 29. | 47. | 55. | 75. | 78. | 78. | 78. | 46. | 19.63 | 41.52 | 1.59 |
| 055 Chattanooga | 006 | G01 | 15 | 9. | 23. | 29. | 32. | 36. | 53. | 60. | 60. | 60. | 34. | 12.98 | 31.15 | 1.57 |
| | 015 | G01 | 15 | 13. | 23. | 30. | 41. | 46. | 52. | 64. | 64. | 64. | 39. | 12.72 | 36.53 | 1.48 |
| | 017 | G01 | 15 | 6. | 6. | 9. | 14. | 16. | 21. | 25. | 25. | 25. | 13. | 5.85 | 11.64 | 1.60 |
| | 019 | G01 | 15 | 12. | 15. | 26. | 31. | 34. | 39. | 41. | 41. | 41. | 30. | 8.56 | 28.07 | 1.42 |
| | 020 | G01 | 14 | 26. | 27. | 31. | 45. | 50. | 56. | 63. | 63. | 63. | 43. | 11.94 | 40.99 | 1.35 |
| | 021 | G01 | 14 | 9. | 9. | 13. | 16. | 23. | 28. | 29. | 29. | 29. | 17. | 7.04 | 16.04 | 1.52 |
| | 024 | G01 | 90 | 14. | 22. | 28. | 33. | 45. | 56. | 64. | 77. | 77. | 37. | 13.64 | 34.64 | 1.45 |
| 055 East Ridge | 001 | G01 | 15 | 11. | 14. | 18. | 26. | 35. | 48. | 48. | 48. | 48. | 29. | 12.60 | 26.12 | 1.59 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER NASN SODIUM ARSENITE - FRIT, 24 hours

1975 First Quarter

| Site location | | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **TENNESSEE — Cont.** | | | | | | | | | | | | | | | | | |
| 055 | Hamilton Co | 002 | G01 | 15 | 13. | 22. | 39. | 44. | 50. | 63. | 65. | 65. | 65. | 43. | 13.67 | 40.32 | 1.51 |
| 055 | Red Bank | 003 | G01 | 10 | 14. | 14. | 26. | 35. | 38. | 47. | 59. | 59. | 59. | 35. | 14.30 | 31.96 | 1.63 |
| 055 | Signal Mountain | 001 | G01 | 12 | 8. | 12. | 18. | 24. | 35. | 40. | 49. | 49. | 49. | 27. | 12.46 | 24.00 | 1.73 |
| 120 | Nashville | 006 | G01 | 15 | 3. | 13. | 21. | 27. | 39. | 64. | 68. | 68. | 68. | 32. | 18.62 | 26.12 | 2.23 |
| | | 016 | G01 | 15 | 3. | 3. | 10. | 21. | 35. | 37. | 61. | 61. | 61. | 22. | 16.38 | 15.71 | 2.68 |
| | | 017 | G01 | 15 | 3. | 10. | 20. | 27. | 32. | 37. | 37. | 37. | 37. | 24. | 10.07 | 21.11 | 1.99 |
| 207 | Clinton | 002 | F01 | 15 | 17. | 17. | 32. | 38. | 41. | 49. | 51. | 51. | 51. | 35. | 10.71 | 33.55 | 1.42 |
| 207 | Johnson City | 002 | F01 | 11 | 8. | 17. | 26. | 49. | 51. | 169. | 320. | 320. | 320. | 78. | 93.06 | 45.91 | 2.95 |
| 207 | Kingsport | 001 | F01 | 9 | 226. | 226. | 282. | 330. | 357. | 677. | 677. | 677. | 677. | 361. | 138.08 | 342.38 | 1.40 |
| 207 | Knox Co | 012 | G01 | 8 | 8. | 8. | 16. | 18. | 25. | 26. | 26. | 26. | 26. | 19. | 6.41 | 17.85 | 1.48 |
| | | 013 | G01 | 12 | 9. | 9. | 22. | 26. | 34. | 35. | 46. | 46. | 46. | 26. | 11.72 | 22.80 | 1.77 |
| 207 | Knoxville | 003 | G01 | 12 | 26. | 31. | 51. | 54. | 60. | 67. | 86. | 86. | 86. | 54. | 15.97 | 51.67 | 1.39 |
| | | 005 | G01 | 7 | 41. | 41. | 52. | 58. | 67. | 79. | 79. | 79. | 79. | 61. | 14.55 | 59.08 | 1.2[illegible] |
| | | 006 | G01 | 10 | 23. | 23. | 36. | 42. | 52. | 56. | 60. | 60. | 60. | 44. | 12.36 | 42.23 | 1.30 |
| | | 007 | G01 | 10 | 24. | 24. | 34. | 43. | 49. | 50. | 50. | 50. | 50. | 40. | 10.26 | 39.00 | 1.32 |
| 207 | Morristown | 002 | F01 | 10 | 9. | 9. | 24. | 26. | 34. | 51. | 55. | 55. | 55. | 33. | 14.40 | 29.31 | 1.67 |
| 207 | Rockwood | 002 | F01 | 16 | 8. | 15. | 26. | 41. | 53. | 58. | 60. | 60. | 60. | 39. | 17.74 | 32.94 | 1.87 |
| 208 | Columbia | 001 | F01 | 15 | 17. | 17. | 24. | 28. | 36. | 47. | 53. | 53. | 53. | 30. | 10.50 | 28.00 | 1.40 |
| 208 | Nashville | 002 | G01 | 15 | 3. | 3. | 11. | 21. | 27. | 49. | 63. | 63. | 63. | 23. | 16.95 | 16.47 | 2.56 |
| | | 003 | G01 | 15 | 3. | 8. | 10. | 15. | 27. | 42. | 47. | 47. | 47. | 20. | 13.05 | 16.33 | 2.14 |
| | | 005 | G01 | 15 | 8. | 10. | 20. | 27. | 34. | 56. | 57. | 57. | 57. | 29. | 15.85 | 25.12 | 1.80 |
| | | 007 | G01 | 15 | 3. | 9. | 16. | 21. | 32. | 33. | 35. | 35. | 35. | 21. | 9.51 | 18.49 | 1.95 |
| | | 008 | G01 | 15 | 3. | 6. | 19. | 20. | 27. | 40. | 45. | 45. | 45. | 24. | 12.09 | 19.62 | 2.10 |
| | | 010 | G01 | 15 | 3. | 6. | 9. | 13. | 16. | 33. | 43. | 43. | 43. | 15. | 10.79 | 12.32 | 2.01 |
| | | 011 | G01 | 15 | 3. | 3. | 6. | 13. | 20. | 28. | 54. | 54. | 54. | 15. | 13.65 | 10.08 | 2.76 |
| | | 012 | G01 | 13 | 3. | 12. | 16. | 24. | 26. | 36. | 40. | 40. | 40. | 22. | 9.85 | 19.07 | 2.00 |
| | | 015 | G01 | 15 | 3. | 3. | 11. | 17. | 23. | 27. | 45. | 45. | 45. | 18. | 11.25 | 13.56 | 2.31 |
| | | 018 | G01 | 13 | 3. | 7. | 10. | 14. | 20. | 23. | 23. | 23. | 23. | 14. | 6.50 | 12.62 | 1.86 |
| | | 019 | G01 | 14 | 3. | 3. | 10. | 11. | 18. | 23. | 26. | 26. | 26. | 14. | 7.49 | 11.34 | 2.11 |
| | | 020 | G01 | 15 | 3. | 7. | 13. | 17. | 21. | 26. | 39. | 39. | 39. | 17. | 9.11 | 14.71 | 1.95 |
| 208 | Sumner Co | 007 | F01 | 15 | 3. | 6. | 8. | 13. | 17. | 24. | 28. | 28. | 28. | 13. | 7.94 | 10.85 | 1.99 |
| 209 | Camden | 001 | F01 | 14 | 3. | 3. | 6. | 8. | 11. | 15. | 23. | 23. | 23. | 10. | 5.55 | 8.10 | 1.90 |
| **VIRGINIA** | | | | | | | | | | | | | | | | | |
| 223 | Portsmouth | 001 | F01 | 1 | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | 43. | | | | |
| 226 | Salem | 001 | G01 | 15 | 30. | 30. | 63. | 63. | 90. | 120. | 126. | 126. | 126. | 72. | 28.75 | 66.23 | 1.54 |
| | | 003 | G01 | 16 | 45. | 45. | 60. | 66. | 96. | 162. | 186. | 186. | 186. | 85. | 41.45 | 77.54 | 1.55 |
| 226 | Vinton | 002 | G01 | 16 | 45. | 45. | 63. | 66. | 96. | 108. | 623. | 623. | 623. | 108. | 138.82 | 81.78 | 1.84 |
| **WISCONSIN** | | | | | | | | | | | | | | | | | |
| 129 | Superior | 002 | F02 | 12 | 7. | 7. | 9. | 11. | 14. | 18. | 19. | 19. | 19. | 12. | 4.45 | 11.32 | 1.45 |
| | | 006 | F01 | 12 | 8. | 10. | 12. | 16. | 19. | 23. | 28. | 28. | 28. | 16. | 6.06 | 15.36 | 1.47 |

## NITROGEN DIOXIDE, micrograms per cubic meter (25 C)
## GAS BUBBLER TGS METHOD - FRIT, 24 hours

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **VIRGINIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 225 Richmond | 002 | H01 | 85 | 38. | 47. | 64. | 71. | 79. | 96. | 102. | 107. | 107. | 72. | 17.02 | 69.69 | 1.28 |
|  | 013 | H01 | 15 | 26. | 30. | 36. | 41. | 45. | 56. | 62. | 62. | 62. | 42. | 9.73 | 40.82 | 1.26 |
|  | 014 | H01 | 15 | 23. | 28. | 41. | 47. | 55. | 58. | 77. | 77. | 77. | 47. | 14.14 | 44.47 | 1.39 |
|  | 016 | H01 | 15 | 6. | 8. | 13. | 19. | 28. | 38. | 45. | 45. | 45. | 21. | 11.97 | 18.07 | 1.89 |
|  | 019 | H01 | 15 | 47. | 49. | 56. | 66. | 68. | 71. | 81. | 81. | 81. | 62. | 10.02 | 61.51 | 1.18 |

# TOTAL HYDROCARBON, micrograms per cubic meter (25 C)
# INSTRUMENTAL FLAME IONIZATION, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **ALABAMA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 004 Birmingham | 005 | G02 | 2010 | 65. | 636. | 850. | 1027. | 1458. | 2346. | 3396. | 5286. | 6435. | 1340. | 957.01 | 88.11 | 1.96 |
|  | 012 | G01 | 2047 | 65. | 1831. | 2261. | 2660. | 3392. | 4752. | 5267. | 6091. | 6535. | 2992. | 174.41 | 741.60 | 1.61 |
| **ARIZONA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 015 Maricopa Co | 009 | G01 | 826 | 196. | 719. | 785. | 981. | 1308. | 1635. | 1897. | 2224. | 3139. |  |  |  |  |
| 015 Phoenix | 002 | G01 | 1686 | 65. | 196. | 785. | 1373. | 2158. | 4316. | 5886. | 7848. | 9810. | 1878. | 735.16 | 137.91 | 3.20 |
| **CALIFORNIA** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 024 Anaheim | 001 | I01 | 2149 | 654. | 1308. | 1308. | 1962. | 2616. | 3924. | 4578. | 7194. | 8502. | 2296. | 225.07 | 54.67 | 1.57 |
| 024 Azusa | 002 | I01 | 2147 | 1308. | 1962. | 1962. | 1962. | 2616. | 3270. | 3270. | 3924. | 6540. | 2277. | 594.96 | 215.05 | 1.25 |
| 024 Burbank | 002 | I01 | 2127 | 654. | 1308. | 1962. | 1962. | 3270. | 5232. | 6540. | 7848. | 9810. | 2814. | 598.98 | 442.92 | 1.69 |
| 024 El Toro | 001 | I01 | 2090 | 654. | 654. | 654. | 654. | 654. | 1308. | 1308. | 1962. | 5232. | 867. | 405.41 | 804.75 | 1.43 |
| 024 Lennox | 001 | I01 | 2127 | 654. | 654. | 1308. | 1308. | 2616. | 4578. | 5232. | 7848. | 9156. | 2161. | 510.58 | 787.18 | 1.81 |
| 024 Los Angeles | 001 | I01 | 2100 | 654. | 654. | 1308. | 1308. | 1962. | 2616. | 3270. | 4578. | 5886. | 1732. | 888.30 | 541.15 | 1.62 |
| 024 Los Angeles Co | 001 | I01 | 2117 | 654. | 654. | 654. | 1308. | 1962. | 3270. | 3924. | 5232. | 9810. | 1557. | 124.42 | 255.21 | 1.89 |
| 024 Newhall | 001 | I01 | 2134 | 654. | 1308. | 1308. | 1308. | 1962. | 2616. | 3924. | 6540. | 9810. | 1815. | 42.37 | 633.69 | 1.53 |
| 024 Pasadena | 004 | I01 | 2113 | 654. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 3924. | 5232. | 1902. | 731.10 | 778.15 | 1.44 |
| 024 Pomona | 001 | I01 | 2156 | 1308. | 1962. | 1962. | 1962. | 2616. | 2616. | 3270. | 3270. | 4578. | 2258. | 435.20 | 221.42 | 1.19 |
| 024 Port Hueneme | 001 | I01 | 1235 | 65. | 65. | 654. | 1962. | 1962. | 2616. | 3270. | 4578. | 5886. |  |  |  |  |
| 024 Riverside | 003 | F01 | 2096 | 654. | 1308. | 1962. | 2616. | 3270. | 3924. | 4578. | 5232. | 6540. | 2597. | 941.11 | 425.99 | 1.46 |
| 024 Rubidoux | 001 | I01 | 1923 | 1308. | 1962. | 1962. | 1962. | 2616. | 3924. | 4578. | 4578. | 6540. | 2559. | 867.08 | 427.39 | 1.38 |
| 024 San Bernardino | 001 | I01 | 2092 | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 3924. | 4578. | 5886. | 2097. | 827.22 | 958.63 | 1.44 |
| 024 Santa Barbara | 004 | F01 | 2048 | 1308. | 1308. | 1962. | 1962. | 2616. | 3924. | 4578. | 5232. | 7848. | 2369. | 987.52 | 194.88 | 1.47 |
| 024 Upland | 004 | F01 | 2158 | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 3924. | 1683. | 463.15 | 627.40 | 1.29 |
| 024 Whittier | 001 | I01 | 2049 | 654. | 1308. | 1308. | 1962. | 2616. | 3270. | 3924. | 5232. | 9810. | 2058. | 25.90 | 845.85 | 1.59 |
| 025 Salinas | 001 | I01 | 2130 | 654. | 1308. | 1962. | 1962. | 2616. | 2616. | 3270. | 3924. | 5232. | 2203. | 614.51 | 107.33 | 1.37 |
| 028 Chico | 001 | F01 | 1976 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 6540. | 1485. | 441.14 | 441.92 | 1.25 |
| 028 Redding | 002 | F01 | 2145 | 1308. | 1308. | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 4578. | 1331. | 149.01 | 325.80 | 1.09 |
| 028 Sacramento | 003 | F01 | 2119 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 3270. | 4578. | 1515. | 446.71 | 462.57 | 1.29 |
| 028 Yuba City | 001 | F01 | 1925 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 5886. | 1530. | 484.40 | 479.22 | 1.27 |
| 029 Chula Vista | 001 | I01 | 1960 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 1962. | 2616. | 1417. | 259.79 | 398.30 | 1.17 |
| 029 El Cajon | 002 | I01 | 2098 | 654. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 4578. | 8502. | 1844. | 800.44 | 712.48 | 1.45 |
| 029 Escondido | 002 | I01 | 1597 | 654. | 1308. | 1308. | 1308. | 1962. | 2616. | 2616. | 3270. | 5232. |  |  |  |  |
| 029 Oceanside | 003 | I01 | 2019 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 3270. | 5886. | 1456. | 406.34 | 416.03 | 1.25 |
| 029 San Diego | 004 | I01 | 2061 | 654. | 1308. | 1308. | 1962. | 2616. | 3924. | 5232. | 6540. | 9156. | 2264. | 263.77 | 3.04 | 1.61 |
| 030 Fremont | 001 | I01 | 664 | 654. | 1308. | 1308. | 1308. | 1962. | 2616. | 2616. | 3270. | 3924. |  |  |  |  |
| 030 Livermore | 002 | I01 | 2029 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 3270. | 3924. | 1464. | 366.83 | 430.16 | 1.22 |
| 030 Napa | 003 | I01 | 2003 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 1462. | 417.22 | 407.97 | 1.32 |
| 030 Oakland | 004 | F01 | 2102 | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 4578. | 6540. | 1746. | 748.07 | 634.53 | 1.40 |
| 030 Pittsburg | 001 | I01 | 1869 | 654. | 654. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 1215. | 470.16 | 129.27 | 1.47 |
| 030 Redwood City | 001 | I01 | 2156 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3924. | 4578. | 1536. | 663.79 | 427.62 | 1.45 |
| 030 Richmond | 003 | I01 | 2082 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 3270. | 6540. | 1498. | 437.58 | 454.39 | 1.26 |
| 030 San Francisco | 003 | I01 | 1411 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3924. | 5232. |  |  |  |  |
| 030 San Jose | 004 | I01 | 1359 | 654. | 1308. | 1308. | 1308. | 1308. | 2616. | 3270. | 3924. | 5232. |  |  |  |  |
| 030 San Rafael | 001 | I01 | 2156 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3924. | 1455. | 323.08 | 427.52 | 1.20 |
| 030 Santa Rosa | 002 | I01 | 2128 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3924. | 1445. | 336.15 | 415.84 | 1.21 |
| 030 Sunnyvale | 001 | I01 | 2129 | 654. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 4578. | 1494. | 425.47 | 448.80 | 1.26 |
| 030 Vallejo | 003 | I01 | 2056 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3924. | 5886. | 1543. | 529.11 | 482.11 | 1.30 |
| 031 Bakersfield | 003 | F01 | 399 | 1308. | 1308. | 1962. | 2616. | 3270. | 3924. | 4578. | 5886. | 7848. |  |  |  |  |
| 031 Fresno | 003 | F01 | 152 | 1962. | 1962. | 1962. | 1962. | 2616. | 3270. | 3924. | 4578. | 4578. |  |  |  |  |
| 031 Modesto | 001 | F01 | 2122 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3924. | 1506. | 345.92 | 472.83 | 1.22 |
| 031 Stockton | 002 | F01 | 2080 | 654. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3924. | 9156. | 1733. | 587.71 | 660.54 | 1.32 |
| 031 Visalia | 001 | F01 | 1855 | 654. | 1308. | 1308. | 1962. | 1962. | 3270. | 3270. | 3924. | 5232. | 1994. | 749.57 | 864.04 | 1.45 |
| 032 San Luis Obispo | 001 | F01 | 2154 | 1308. | 1308. | 1308. | 1308. | 1962. | 2616. | 3270. | 4578. | 5232. | 1688. | 667.10 | 598.13 | 1.36 |
| 033 Indio | 001 | I01 | 2126 | 654. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 4578. | 1565. | 458.15 | 512.12 | 1.28 |
| 033 Lancaster | 001 | I01 | 2127 | 1308. | 1308. | 1308. | 1308. | 1308. | 1962. | 1962. | 2616. | 3270. | 1499. | 351.95 | 465.45 | 1.22 |
| 033 Palm Springs | 001 | I01 | 1575 | 65. | 654. | 654. | 654. | 1308. | 1962. | 1962. | 2616. | 3270. |  |  |  |  |
| **COLORADO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 036 Arvada | 002 | F01 | 1883 | 65. | 1046. | 1177. | 1373. | 1570. | 2027. | 2354. | 3074. | 5755. | 1453. | 494.24 | 379.31 | 1.40 |
| 036 Denver | 002 | F01 | 1922 | 850. | 1308. | 1439. | 1570. | 1766. | 2354. | 2878. | 4382. | 7717. | 1745. | 634.27 | 670.49 | 1.31 |
|  | 009 | F01 | 1871 | 916. | 1046. | 1177. | 1373. | 1635. | 2420. | 2943. | 3989. | 6540. | 1583. | 653.45 | 488.11 | 1.39 |
|  | 010 | F01 | 1779 | 850. | 1243. | 1439. | 1570. | 1831. | 2354. | 2747. | 3924. | 5624. | 1717. | 567.85 | 647.04 | 1.31 |
|  | 011 | F01 | 1928 | 131. | 981. | 1177. | 1439. | 1766. | 2681. | 3139. | 4513. | 7194. | 1658. | 772.29 | 523.64 | 1.49 |
| 036 Welby | 001 | F01 | 1935 | 916. | 1046. | 1112. | 1308. | 1570. | 2420. | 2812. | 3793. | 5494. | 1520. | 623.75 | 426.10 | 1.40 |

Preceding page blank

## TOTAL HYDROCARBON, micrograms per cubic meter (25 C)
## INSTRUMENTAL FLAME IONIZATION, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONNECTICUT** | | | | | | | | | | | | | | | | |
| 042 Hartford | 002 | F01 | 2090 | 235. | 1962. | 2289. | 2485. | 2681. | 3074. | 3270. | 3662. | 3989. | 2497. | 459.17 | 449.20 | 1.23 |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 005 Pensacola | 004 | F01 | 1425 | 327. | 1439. | 1537. | 1570. | 1668. | 1798. | 1897. | 2485. | 5886. | | | | |
| 049 Jacksonville | 048 | H01 | 349 | 65. | 490. | 817. | 1144. | 1471. | 1798. | 2125. | 3270. | 6213. | | | | |
| 049 Tallahassee | 008 | F01 | 945 | 65. | 916. | 1046. | 1046. | 1112. | 1177. | 1243. | 1308. | 1439. | | | | |
| 050 West Palm Beach | 001 | G01 | 1948 | 65. | 523. | 654. | 719. | 850. | 1177. | 1373. | 1897. | 3401. | 805. | 288.96 | 764.03 | 1.37 |
| 052 St Petersburg | 012 | H01 | 1436 | 785. | 916. | 1046. | 1046. | 1177. | 1700. | 2224. | 3401. | 5167. | | | | |
| 052 Tampa | 035 | G02 | 868 | 196. | 916. | 1046. | 1046. | 1177. | 1504. | 1700. | 2616. | 4578. | | | | |
| **GEORGIA** | | | | | | | | | | | | | | | | |
| 056 Atlanta | 034 | F01 | 590 | 750. | 1050. | 1275. | 1475. | 1650. | 2250. | 2775. | 3975. | 4500. | | | | |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 067 Joliet | 005 | F01 | 967 | 589. | 785. | 981. | 1046. | 1177. | 1570. | 2420. | 3205. | 3859. | | | | |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 077 Henderson | 008 | F01 | 434 | 1112. | 1504. | 1635. | 1766. | 1897. | 2093. | 2224. | 2485. | 2812. | | | | |
| 077 Owensboro | 008 | F01 | 1480 | 523. | 850. | 1308. | 1504. | 1831. | 2354. | 2681. | 3466. | 4447. | | | | |
| 078 Louisville | 020 | G01 | 1158 | 327. | 654. | 981. | 1635. | 2616. | 5559. | 6213. | 7848. | 9156. | | | | |
| 079 Newport | 001 | F01 | 1847 | 392. | 1046. | 1177. | 1243. | 1373. | 1766. | 2093. | 2616. | 4251. | 1350. | 346.20 | 315.61 | 1.24 |
| 102 Lexington | 002 | F01 | 790 | 327 | 1373. | 1700. | 2093. | 2681. | 3728. | 4055. | 4709. | 5559. | | | | |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 070 Afton | 001 | G01 | 24 | 65. | 65. | 65. | 65. | 65. | 65. | 1766. | 4316. | 4316. | | | | |
| 070 Bellefontaine Neighbors | 002 | G01 | 2040 | 65. | 392. | 523. | 589. | 785. | 1177. | 1373. | 1700. | 3532. | 705. | 337.96 | 630.71 | 1.64 |
| 070 Clayton | 001 | G01 | 2007 | 65. | 196. | 719. | 1046. | 1308. | 1700. | 2027. | 2485. | 3597. | 1015. | 576.40 | 770.44 | 2.45 |
| 070 St Ann | 001 | G01 | 1887 | 65. | 589. | 719. | 850. | 981. | 1373. | 1897. | 3793. | 6540. | 979. | 584.70 | 866.95 | 1.65 |
| 070 St Louis Co | 006 | G01 | 1992 | 65. | 327. | 719. | 850. | 916. | 1046. | 1177. | 1504. | 3466. | 778. | 311.84 | 694.30 | 1.73 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 148 Reno | 005 | I01 | 2160 | 65. | 981. | 981. | 1112. | 1308. | 1962. | 2289. | 2943. | 4447. | 1283. | 489.68 | 198.34 | 1.50 |
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Bayonne | 003 | F01 | 1153 | 1040. | 1223. | 1308. | 1458. | 1720. | 2505. | 3218. | 4624. | 5991. | | | | |
| 043 Elizabeth | 004 | F01 | 1222 | 674. | 1249. | 1393. | 1661. | 2158. | 3120. | 3904. | 5533. | 7181. | | | | |
| 043 Newark | 002 | F01 | 774 | 562. | 1125. | 1360. | 1674. | 2093. | 2936. | 3590. | 4885. | 6278. | | | | |
| 045 Camden | 003 | F01 | 1284 | 1040. | 1171. | 1282. | 1380. | 1543. | 2001. | 2531. | 5049. | 682[illegible] | | | | |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Hempstead | 005 | F01 | 2112 | 334. | 988. | 1197. | 1347. | 1490. | 1825. | 2099. | 3093. | 4545. | 1404. | 399.65 | 356.46 | 1.29 |
| 043 Mamaroneck | 002 | F01 | 1 | 65. | 65. | 65. | 65. | 65. | 65. | 65. | 65. | 65. | | | | |
| 043 New York City | 050 | F01 | 426 | 65. | 1249. | 1445. | 1563. | 1700. | 2001. | 2250. | 3597. | 4061. | | | | |
| 158 Syracuse | 005 | F01 | 1985 | 65. | 1301. | 1439. | 1543. | 1766. | 2394. | 3080. | 4964. | 9803. | 1771. | 768.13 | 671.86 | 1.38 |
| 158 Utica | 004 | F01 | 1940 | 883. | 1040. | 1131. | 1236. | 1360. | 1700. | 2655. | 6939. | 15356. | 1479. | 155.10 | 336.25 | 1.43 |
| 160 Rochester | 004 | F01 | 1823 | 602. | 922. | 1112. | 1210. | 1347. | 1622. | 1766. | 2165. | 2753. | 1254. | 278.08 | 225.06 | 1.24 |
| 161 Kingston | 002 | F01 | 1777 | 347. | 1046. | 1243. | 1373. | 1524. | 1720. | 1825. | 2348. | 3695. | 1392. | 295.05 | 361.57 | 1.24 |
| 162 Buffalo | 005 | F01 | 2116 | 249. | 988. | 1295. | 1471. | 1674. | 2080. | 2296. | 2832. | 4133. | 1515. | 441.83 | 449.34 | 1.36 |
| 162 Niagara Falls | 006 | F01 | 1588 | 137. | 857. | 1053. | 1151. | 1243. | 1413. | 1504. | 1785. | 2779. | | | | |
| **OREGON** | | | | | | | | | | | | | | | | |
| 193 Eugene | 007 | F01 | 1993 | 400. | 550. | 700. | 900. | 1000. | 1250. | 1400. | 2000. | 3000. | 896. | 302.60 | 850.23 | 1.38 |
| 193 Portland | 002 | F01 | 1986 | 390. | 920. | 1180. | 1440. | 1700. | 2100. | 2360. | 2880. | 3900. | 1475. | 497.94 | 390.81 | 1.42 |

## TOTAL HYDROCARBON, micrograms per cubic meter (25 C)
## INSTRUMENTAL FLAME IONIZATION, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles |  |  |  |  |  |  | Max. obs. | Arithmetic |  | Geometric |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | 10 | 30 | 50 | 70 | 90 | 95 | 99 |  | Mean | Std. dev. | Mean | Std. dev. |
| **WISCONSIN** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 129 Superior | 998 | F05 | 474 | 719. | 785. | 1046 | 1243. | 1308. | 1439. | 1570. | 1962. | 3532. |  |  |  |  |
|  | 999 | F04 | 434 | 196. | 523. | 719. | 850. | 1046. | 1243. | 1308. | 1700. | 2027. |  |  |  |  |
| 239 Milwaukee | 045 | F01 | 270 | 174. | 229. | 273. | 327. | 371. | 469. | 512. | 741. | 829. |  |  |  |  |

## TOTAL OXIDANTS, micrograms per cubic meter (25 C)
## INSTRUMENTAL COLORIMETRIC NEUTRAL KI, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ARIZONA** | | | | | | | | | | | | | | | | |
| 015 Phoenix | 014 | F01 | 1916 | 10. | 10. | 10. | 20. | 37. | 66. | 78. | 98. | 150. | 29. | 24.65 | 20.41 | 2.24 |
| 015 Tucson | 011 | G01 | 1709 | 10. | 10. | 20. | 20. | 39. | 78. | 98. | 137. | 176. | 37. | 28.68 | 28.25 | 2.06 |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 Anaheim | 001 | I01 | 1953 | 10. | 10. | 10. | 10. | 20. | 59. | 78. | 137. | 333. | 25. | 28.07 | 17.17 | 2.16 |
| 024 Azusa | 002 | I01 | 2032 | 20. | 20. | 20. | 20. | 39. | 59. | 98. | 216. | 372. | 38. | 37.00 | 30.22 | 1.83 |
| 024 Burbank | 002 | I01 | 2056 | 20. | 20. | 20. | 20. | 39. | 78. | 98. | 216. | 333. | 40. | 37.80 | 30.77 | 1.87 |
| 024 Costa Mesa | 001 | I01 | 1480 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 118. | 216. | | | | |
| 024 La Habra | 001 | I01 | 1803 | 10. | 10. | 10. | 10. | 20. | 59. | 98. | 176. | 314. | 28. | 34.41 | 18.00 | 2.25 |
| 024 Lennox | 001 | I01 | 2067 | 20. | 20. | 20. | 20. | 20. | 59. | 59. | 98. | 235. | 29. | 18.56 | 25.49 | 1.56 |
| 024 Long Beach | 002 | I01 | 2058 | 20. | 20. | 20. | 20. | 20. | 39. | 39. | 78. | 157. | 25. | 12.57 | 22.97 | 1.41 |
| 024 Los Angeles | 001 | I01 | 2051 | 20. | 20. | 20. | 20. | 39. | 78. | 118. | 216. | 333. | 40. | 39.65 | 31.13 | 1.90 |
| | 002 | I01 | 2043 | 20. | 20. | 20. | 20. | 39. | 78. | 98. | 157. | 314. | 37. | 29.23 | 30.28 | 1.78 |
| 024 Los Angeles Co | 001 | I01 | 2064 | 20. | 20. | 20. | 39. | 59. | 98. | 137. | 255. | 431. | 48. | 46.58 | 35.07 | 2.02 |
| 024 Lynwood | 001 | I01 | 2060 | 20. | 20. | 20. | 20. | 20. | 39. | 59. | 98. | 157. | 26. | 16.79 | 23.58 | 1.50 |
| 024 Newhall | 001 | I01 | 2049 | 20. | 20. | 20. | 20. | 39. | 59. | 78. | 216. | 353. | 37. | 35.10 | 30.28 | 1.77 |
| 024 Norco | 001 | I01 | 1895 | 20. | 20. | 20. | 20. | 59. | 98. | 137. | 274. | 372. | 49. | 49.51 | 35.44 | 2.07 |
| 024 Pasadena | 004 | I01 | 1985 | 20. | 20. | 20. | 20. | 39. | 78. | 118. | 216. | 412. | 39. | 38.96 | 30.04 | 1.88 |
| 024 Pomona | 001 | I01 | 2051 | 20. | 20. | 20. | 20. | 39. | 59. | 98. | 196. | 314. | 35. | 33.25 | 28.24 | 1.78 |
| 024 Riverside | 003 | F01 | 1877 | 10. | 20. | 20. | 20. | 39. | 78. | 118. | 255. | 353. | 42. | 45.65 | 30.08 | 2.10 |
| 024 Rubidoux | 001 | I01 | 2007 | 10. | 20. | 20. | 39. | 59. | 98. | 137. | 255. | 372. | 47. | 46.31 | 33.85 | 2.17 |
| 024 San Bernardino | 001 | I01 | 1261 | 10. | 10. | 10. | 20. | 59. | 98. | 137. | 235. | 333. | | | | |
| 024 Santa Barbara | 004 | F01 | 1834 | 10. | 20. | 20. | 20. | 39. | 59. | 59. | 98. | 196. | 32. | 19.86 | 28.12 | 1.67 |
| | 005 | F01 | 1934 | 20. | 39. | 59. | 78. | 78. | 118. | 137. | 176. | 216. | 76. | 30.87 | 69.55 | 1.56 |
| 024 Upland | 004 | F01 | 1954 | 10. | 10. | 20. | 39. | 59. | 118. | 196. | 372. | 510. | 60. | 68.91 | 38.56 | 2.46 |
| 024 Whittier | 001 | I01 | 2019 | 20. | 20. | 20. | 20. | 20. | 59. | 59. | 98. | 137. | 28. | 18.55 | 24.65 | 1.55 |
| 025 Monterey | 001 | I01 | 2060 | 10. | 20. | 20. | 39. | 59. | 78. | 98. | 98. | 157. | 47. | 26.95 | 38.77 | 1.87 |
| 025 Monterey Co | 001 | I01 | 1766 | 10. | 20. | 20. | 39. | 59. | 78. | 98. | 118. | 157. | 47. | 28.33 | 38.21 | 1.95 |
| 025 Salinas | 001 | I01 | 2114 | 10. | 20. | 20. | 20. | 39. | 59. | 59. | 78. | 157. | 32. | 17.64 | 27.96 | 1.68 |
| 025 Santa Cruz Co | 001 | I01 | 2117 | 10. | 10. | 20. | 20. | 39. | 78. | 78. | 118. | 196. | 36. | 26.18 | 28.53 | 1.99 |
| 028 Chico | 001 | F01 | 1886 | 10. | 20. | 20. | 39. | 59. | 78. | 78. | 118. | 157. | 47. | 25.20 | 39.79 | 1.88 |
| 028 Redding | 002 | F01 | 1960 | 10. | 20. | 39. | 59. | 59. | 78. | 98. | 118. | 176. | 50. | 26.64 | 42.71 | 1.85 |
| 028 Sacramento | 003 | F01 | 1895 | 10. | 20. | 20. | 39. | 59. | 78. | 78. | 137. | 196. | 42. | 26.61 | 35.05 | 1.81 |
| 028 Sacramento Co | 001 | I01 | 1762 | 10. | 20. | 20. | 39. | 59. | 78. | 98. | 137. | 216. | 42. | 27.83 | 34.45 | 1.90 |
| 028 Yuba City | 001 | F01 | 1948 | 10. | 20. | 39. | 59. | 78. | 98. | 98. | 157. | 235. | 55. | 31.75 | 45.38 | 1.89 |
| 029 El Cajon | 002 | I01 | 1952 | 10. | 20. | 20. | 39. | 59. | 78. | 98. | 137. | 176. | 42. | 29.36 | 34.09 | 1.91 |
| 029 Oceanside | 003 | I01 | 1060 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 176. | 235. | | | | |
| 029 San Diego | 004 | I01 | 1923 | 10. | 10. | 20. | 39. | 59. | 98. | 137. | 176. | 216. | 50. | 38.44 | 36.88 | 2.22 |
| 030 San Jose | 004 | I01 | 2160 | 20. | 20. | 20. | 39. | 59. | 98. | 118. | 157. | 235. | 47. | 35.63 | 36.72 | 1.98 |
| 031 Bakersfield | 003 | F01 | 1877 | 10. | 10. | 10. | 20. | 20. | 59. | 78. | 98. | 137. | 25. | 23.09 | 18.30 | 2.09 |
| 031 Fresno | 003 | F01 | 117 | 20. | 20. | 20. | 20. | 20. | 39. | 39. | 59. | 59. | | | | |
| 031 Fresno Co | 001 | I01 | 1655 | 10. | 20. | 20. | 39. | 59. | 98. | 118. | 176. | 235. | 52. | 35.35 | 41.80 | 2.01 |
| 031 Modesto | 001 | F01 | 1902 | 10. | 20. | 20. | 20. | 39. | 59. | 59. | 98. | 137. | 31. | 17.45 | 27.64 | 1.62 |
| 031 Stockton | 002 | F01 | 1753 | 10. | 20. | 20. | 20. | 39. | 78. | 78. | 118. | 157. | 37. | 24.70 | 30.24 | 1.86 |
| 031 Visalia | 001 | F01 | 1948 | 10. | 20. | 20. | 39. | 59. | 78. | 98. | 157. | 216. | 43. | 30.94 | 34.75 | 1.91 |
| 032 San Luis Obispo | 001 | F01 | 1963 | 20. | 20. | 39. | 59. | 59. | 78. | 98. | 176. | 216. | 54. | 30.90 | 45.52 | 1.81 |
| 033 Indio | 001 | I01 | 2092 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 176. | 196. | 47. | 35.53 | 34.72 | 2.28 |
| 033 Lancaster | 001 | I01 | 2061 | 20. | 20. | 39. | 39. | 59. | 59. | 78. | 118. | 255. | 44. | 22.36 | 39.17 | 1.66 |
| 033 Palm Springs | 001 | I01 | 463 | 10. | 20. | 20. | 20. | 39. | 59. | 59. | 78. | 78. | | | | |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 072 Paducah | 020 | F01 | 516 | 10. | 10. | 33. | 51. | 69. | 94. | 120. | 163. | 192. | | | | |
| 102 Lexington | 002 | F01 | 1494 | 10. | 10. | 10. | 29. | 41. | 59. | 69. | 92. | 108. | | | | |
| 103 Ashland | 008 | F01 | 1648 | 10. | 10. | 10. | 22. | 31. | 53. | 67. | 102. | 122. | 26. | 20.00 | 20.31 | 2.01 |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 070 Afton | 001 | G01 | 24 | 10. | 10. | 10. | 10. | 10. | 10 | 376. | 376. | 376. | | | | |
| 070 Bellefontaine Neighbors | 002 | G01 | 1827 | 10. | 10. | 33. | 49. | 76. | 116. | 139. | 186. | 304. | 59. | 42.57 | 44.00 | 2.29 |
| 070 Clayton | 001 | G01 | 1548 | 10. | 10. | 20. | 31. | 49. | 73. | 84. | 110. | 1505. | | | | |
| 070 St Ann | 001 | G01 | 1732 | 10. | 10. | 22. | 33. | 53. | 90. | 114. | 386. | 782. | 48. | 62.93 | 32.48 | 2.36 |
| 070 St Louis Co | 006 | G01 | 1592 | 10. | 10. | 41. | 63. | 88. | 120. | 133. | 153. | 184. | | | | |

Preceding page blank

## TOTAL OXIDANTS, micrograms per cubic meter (25 C)
## INSTRUMENTAL COULOMETRIC NEUTRAL KI, 1 hour

### 1973 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 030 Burlingame | 002 | 101 | 1882 | 10. | 20. | 20. | 39. | 59. | 98. | 98. | 118. | 137. | 47. | 30.98 | 37.01 | 2.00 |
| 030 Concord | 001 | 101 | 2062 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 137. | 29. | 22.89 | 21.85 | 2.13 |
| 030 Fairfield | 002 | 101 | 2087 | 10. | 10. | 20. | 39. | 59. | 98. | 98. | 118. | 176. | 44. | 33.20 | 31.41 | 2.43 |
| 030 Fremont | 001 | 101 | 2040 | 10. | 20. | 20. | 39. | 59. | 78. | 78. | 118. | 157. | 43. | 25.97 | 34.77 | 1.95 |
| 030 Hayward | 001 | 101 | 1535 | 10. | 20. | 39. | 59. | 78. | 98. | 98. | 118. | 176. | | | | |
| 030 Livermore | 002 | 101 | 2157 | 10. | 20. | 20. | 39. | 78. | 98. | 118. | 137. | 157. | 52. | 32.15 | 41.97 | 1.97 |
| 030 Los Gatos | 001 | 101 | 2061 | 20. | 20. | 20. | 39. | 59. | 78. | 78. | 118. | 176. | 41. | 25.33 | 33.93 | 1.79 |
| 030 Mountain View | 001 | 101 | 1409 | 20. | 20. | 20. | 20. | 39. | 59. | 59. | 78. | 118. | | | | |
| 030 Napa | 003 | 101 | 2155 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 98. | 157. | 34. | 26.29 | 25.43 | 2.21 |
| 030 Oakland | 004 | P01 | 1967 | 10. | 10. | 20. | 20. | 39. | 59. | 59. | 78. | 98. | 29. | 18.27 | 24.20 | 1.89 |
| 030 Petaluma | 002 | 101 | 2056 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 118. | 137. | 34. | 26.24 | 25.30 | 2.23 |
| 030 Pittsburg | 001 | 101 | 1871 | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 118. | 235. | 44. | 32.17 | 32.18 | 2.35 |
| 030 Pleasant Hill | 001 | 101 | 1993 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 98. | 157. | 31. | 26.46 | 22.12 | 2.22 |
| 030 Redwood City | 001 | 101 | 2060 | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 118. | 176. | 42. | 28.81 | 33.80 | 2.08 |
| 030 Richmond | 003 | 101 | 2157 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 98. | 98. | 27. | 20.71 | 20.71 | 2.05 |
| 030 San Francisco | 003 | 101 | 2160 | 10. | 10. | 20. | 20. | 39. | 39. | 59. | 59. | 118. | 27. | 14.63 | 23.23 | 1.68 |
| 030 San Leandro | 001 | 101 | 2036 | 10. | 20. | 39. | 59. | 78. | 98. | 118. | 137. | 157. | 58. | 32.67 | 48.24 | 1.87 |
| 030 San Rafael | 001 | 101 | 2160 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 98. | 25. | 20.52 | 19.31 | 2.03 |
| 030 Santa Rosa | 002 | 101 | 2160 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 118. | 32. | 22.83 | 24.49 | 2.14 |
| 030 Sunnyvale | 001 | 101 | 2096 | 20. | 20. | 20. | 39. | 59. | 78. | 78. | 98. | 157. | 41. | 24.53 | 34.79 | 1.78 |
| 030 Vallejo | 003 | 101 | 2024 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 137. | 196. | 48. | 37.81 | 34.46 | 2.34 |
| **IOWA** | | | | | | | | | | | | | | | | |
| 069 Davenport | 011 | F01 | 1945 | 10. | 10. | 31. | 43. | 55. | 69. | 74. | 90. | 100. | 43. | 20.25 | 37.23 | 1.84 |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 152 Albuquerque | 015 | H02 | 912 | 10. | 10. | 10. | 10. | 20. | 33. | 39. | 45. | 51. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Magna | 001 | F02 | 1370 | 10. | 10. | 10. | 29. | 47. | 74. | 84. | 100. | 110. | | | | |
| 220 Ogden | 001 | F01 | 2132 | 10. | 24. | 33. | 51. | 69. | 94. | 108. | 125. | 165. | 55. | 28.99 | 46.60 | 1.85 |

**Preceding page blank**

## OZONE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ALABAMA** | | | | | | | | | | | | | | | | |
| 004 Birmingham | 005 | G02 | 2098 | 10. | 10. | 10. | 10. | 31. | 57. | 69. | 110. | 188. | 25. | 22.84 | 18.55 | 2.14 |
| | 012 | G01 | 2076 | 10. | 10. | 10. | 27. | 43. | 65. | 76. | 145. | 253. | 34. | 27.63 | 24.93 | 2.20 |
| 004 Fairfield | 003 | G01 | 1124 | 10. | 10. | 10. | 27. | 41. | 63. | 71. | 92. | 106. | | | | |
| 005 Mobile | 008 | G01 | 603 | 10. | 20. | 33. | 43. | 63. | 88. | 98. | 112. | 122. | | | | |
| | 011 | G01 | 558 | 10. | 10. | 10. | 24. | 33. | 43. | 53. | 82. | 102. | | | | |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 Camarillo | 001 | I01 | 1864 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 176. | 255. | 47. | 38.83 | 33.15 | 2.36 |
| 024 Chino | 001 | I01 | 2152 | 10. | 10. | 10. | 10. | 39. | 98. | 137. | 294. | 412. | 39. | 55.46 | 21.11 | 2.72 |
| 024 Fontana | 001 | I01 | 2151 | 10. | 10. | 20. | 39. | 59. | 98. | 137. | 294. | 392. | 50. | 52.97 | 32.13 | 2.57 |
| 024 Ojai | 001 | I01 | 2159 | 10. | 10. | 20. | 39. | 78. | 118. | 137. | 235. | 510. | 53. | 49.83 | 34.66 | 2.62 |
| 024 Point Mugu | 001 | I01 | 2160 | 10. | 10. | 20. | 59. | 78. | 98. | 118. | 157. | 392. | 55. | 37.02 | 41.72 | 2.26 |
| 024 Port Hueneme | 001 | I01 | 837 | 10. | 10. | 20. | 20. | 39. | 59. | 98. | 137. | 137. | | | | |
| 024 Redlands | 001 | I01 | 2134 | 10. | 10. | 10. | 20. | 39. | 78. | 118. | 235. | 314. | 38. | 46.13 | 23.04 | 2.59 |
| 024 San Bernardino | 001 | I01 | 2016 | 10. | 10. | 10. | 20. | 59. | 118. | 157. | 314. | 412. | 49. | 58.94 | 27.57 | 2.84 |
| 024 Santa Paula | 001 | I01 | 2099 | 10. | 10. | 20. | 20. | 39. | 98. | 98. | 196. | 274. | 41. | 37.68 | 29.37 | 2.22 |
| 024 Thousand Oaks | 001 | I01 | 2160 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 176. | 274. | 47. | 39.12 | 32.73 | 2.39 |
| 024 Upland | 003 | I01 | 1608 | 10. | 10. | 10. | 20. | 39. | 118. | 176. | 451. | 529. | | | | |
| 033 Barstow | 001 | I01 | 1562 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 78. | 137. | | | | |
| 033 Victorville | 001 | I01 | 2223 | 10. | 10. | 10. | 10. | 39. | 78. | 118. | 196. | 255. | 32. | 37.86 | 20.18 | 2.44 |
| **COLORADO** | | | | | | | | | | | | | | | | |
| 036 Arvada | 002 | F01 | 1939 | 10. | 10. | 10. | 45. | 65. | 82. | 92. | 123. | 182. | 45. | 30.18 | 32.55 | 2.39 |
| 036 Denver | 002 | F01 | 1911 | 10. | 10. | 10. | 10. | 31. | 51. | 59. | 80. | 129. | 24. | 18.44 | 18.18 | 2.04 |
| | 009 | F01 | 1940 | 10. | 10. | 10. | 24. | 47. | 76. | 88. | 106. | 157. | 34. | 27.70 | 23.75 | 2.35 |
| | 010 | F01 | 1916 | 10. | 10. | 10. | 20. | 31. | 53. | 61. | 78. | 151. | 25. | 18.80 | 18.98 | 2.04 |
| | 011 | F01 | 1933 | 10. | 10. | 10. | 27. | 47. | 71. | 80. | 96. | 123. | 34. | 25.10 | 24.58 | 2.28 |
| 036 Welby | 001 | F01 | 1916 | 10. | 10. | 10. | 43. | 63. | 84. | 92. | 114. | 176. | 44. | 30.07 | 31.42 | 2.42 |
| **CONNECTICUT** | | | | | | | | | | | | | | | | |
| 042 Hartford | 007 | F01 | 1775 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 108. | 784. | 27. | 27.74 | 20.41 | 2.09 |
| 042 New Britain | 002 | F01 | 1413 | 10. | 10. | 10. | 20. | 29. | 49. | 59. | 78. | 98. | | | | |
| 043 Bridgeport | 001 | F01 | 1517 | 10. | 10. | 10. | 20. | 39. | 69. | 78. | 98. | 98. | | | | |
| | 123 | F01 | 431 | 10. | 10. | 39. | 59. | 78. | 96. | 108. | 147. | 157. | | | | |
| 043 Greenwich | 004 | F01 | 1359 | 10. | 10. | 10. | 39. | 51. | 67. | 73. | 137. | 453. | | | | |
| **DISTRICT OF COLUMBIA** | | | | | | | | | | | | | | | | |
| 047 Washington | 008 | I01 | 804 | 10. | 10. | 10. | 10. | 10. | 10. | 29. | 49. | 69. | | | | |
| | 011 | I01 | 1080 | 10. | 10. | 10. | 20. | 29. | 49. | 59. | 88. | 157. | | | | |
| | 013 | I01 | 1080 | 10. | 10. | 10. | 10. | 10. | 29. | 49. | 69. | 78. | | | | |
| **FLORIDA** | | | | | | | | | | | | | | | | |
| 005 Pensacola | 004 | F01 | 1911 | 10. | 10. | 10. | 10. | 10. | 24. | 25. | 29. | 157. | 14. | 7.54 | 12.47 | 1.47 |
| 049 Jacksonville | 048 | H01 | 1695 | 10. | 10. | 10. | 20. | 39. | 49. | 69. | 88. | 118. | 28. | 20.12 | 21.41 | 2.07 |
| | 051 | H01 | 24 | 29. | 39. | 69. | 69. | 78. | 108. | 118. | 127. | 127. | | | | |
| | 055 | H01 | 815 | 10. | 20. | 49. | 69. | 88. | 118. | 127. | 147. | 167. | | | | |
| 049 Tallahassee | 003 | F01 | 1174 | 10. | 10. | 33. | 47. | 59. | 78. | 86. | 106. | 137. | | | | |
| 050 Lauderdale Lakes | 001 | G03 | 1933 | 10. | 10. | 20. | 49. | 78. | 118. | 137. | 167. | 255. | 55. | 42.24 | 38.01 | 2.59 |
| 050 West Palm Beach | 001 | G01 | 2033 | 10. | 10. | 10. | 31. | 43. | 67. | 78. | 106. | 190. | 34. | 23.65 | 25.94 | 2.13 |
| 052 Hillsborough Co | 074 | G05 | 1811 | 10. | 10. | 20. | 39. | 69. | 88. | 108. | 127. | 176. | 47. | 32.42 | 34.83 | 2.33 |
| 052 St Petersburg | 012 | H01 | 1960 | 10. | 10. | 27. | 43. | 59. | 86. | 102. | 125. | 149. | 45. | 29.91 | 34.38 | 2.24 |
| 052 Tampa | 022 | G02 | 1862 | 10. | 10. | 10. | 20. | 39. | 69. | 78. | 108. | 431. | 32. | 26.95 | 23.69 | 2.22 |
| | 035 | G02 | 1881 | 10. | 10. | 20. | 29. | 49. | 78. | 98. | 127. | 147. | 38. | 29.13 | 28.06 | 2.22 |
| **GEORGIA** | | | | | | | | | | | | | | | | |
| 056 Decatur | 002 | F01 | 1904 | 10. | 10. | 10. | 20. | 29. | 39. | 49. | 59. | 100. | 20. | 12.46 | 16.79 | 1.78 |
| **ILLINOIS** | | | | | | | | | | | | | | | | |
| 065 Peoria | 024 | F01 | 964 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 29. | 82. | | | | |

Preceding page blank

## OZONE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **ILLINOIS – Cont.** | | | | | | | | | | | | | | | | |
| 067 Calumet City | 001 | G01 | 375 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 20. | 22. | | | | |
| 067 Chicago | 033 | F01 | 885 | 10. | 10. | 10. | 10. | 10. | 31. | 37. | 55. | 80. | | | | |
| 067 Chicago H'eights | 001 | G01 | 652 | 10. | 10. | 10. | 20. | 39. | 59. | 69. | 90. | 106. | | | | |
| 067 Hillside | 001 | G01 | 662 | 10. | 10. | 10. | 10. | 10. | 10. | 22. | 29. | 35. | | | | |
| 067 Joliet | 005 | F01 | 975 | 10. | 10. | 10. | 10. | 24. | 41. | 49. | 61. | 73. | | | | |
| 070 East St Louis | 009 | F01 | 710 | 10. | 10. | 10. | 10. | 25. | 51. | 69. | 120. | 443. | | | | |
| **INDIANA** | | | | | | | | | | | | | | | | |
| 080 Indianapolis | 030 | F01 | 979 | 10. | 10. | 10. | 10. | 20. | 31. | 39. | 49. | 88. | | | | |
| **IOWA** | | | | | | | | | | | | | | | | |
| 088 Cedar Rapids | 023 | G01 | 2123 | 10. | 10. | 20. | 29. | 39. | 51. | 63. | 88. | 127. | 30. | 17.77 | 24.74 | 1.89 |
| 092 Des Moines | 037 | G02 | 1635 | 10. | 10. | 31. | 47. | 59. | 69. | 74. | 92. | 114. | 44. | 21.47 | 37.27 | 1.95 |
| 092 Polk Co | 024 | G02 | 2059 | 10. | 10. | 29. | 45. | 57. | 69. | 74. | 88. | 106. | 43. | 21.66 | 35.34 | 1.99 |
| **KANSAS** | | | | | | | | | | | | | | | | |
| 094 Kansas City | 001 | H01 | 203 | 10. | 10. | 10. | 10. | 20. | 30. | 30. | 40. | 60. | 15. | 8.26 | 13.42 | 1.57 |
| 099 Wichita | 002 | F01 | 216 | 10. | 10. | 20. | 35. | 50. | 70. | 90. | 140. | 160. | 39. | 27.40 | 29.64 | 2.18 |
| | 010 | F01 | 34 | 10. | 10. | 10. | 10. | 35. | 60. | 95. | 200. | 340. | | | | |
| **KENTUCKY** | | | | | | | | | | | | | | | | |
| 078 Louisville | 011 | G01 | 2147 | 10. | 10. | 10. | 10. | 20. | 39. | 49. | 59. | 88. | 17. | 12.51 | 13.96 | 1.74 |
| | 020 | G01 | 1853 | 10. | 10. | 10. | 10. | 20. | 49. | 59. | 78. | 88. | 22. | 17.51 | 16.90 | 1.95 |
| 079 Newport | 001 | F01 | 1961 | 10. | 10. | 10. | 10. | 24. | 43. | 51. | 63. | 478. | 20. | 17.60 | 15.75 | 1.87 |
| **MASSACHUSETTS** | | | | | | | | | | | | | | | | |
| 042 Amherst | 001 | F01 | 1792 | 10. | 10. | 10. | 35. | 49. | 69. | 69. | 82. | 94. | 36. | 22.34 | 27.92 | 2.16 |
| 042 Springfield | 005 | F01 | 2014 | 10. | 10. | 10. | 10. | 10. | 29. | 39. | 55. | 74. | 15. | 10.64 | 12.58 | 1.63 |
| 117 Pittsfield | 004 | F01 | 2111 | 10. | 10. | 22. | 35. | 47. | 67. | 73. | 90. | 110. | 36. | 21.39 | 28.30 | 2.07 |
| 118 Fitchburg | 003 | F01 | 2131 | 10. | 10. | 10. | 39. | 55. | 71. | 78. | 96. | 118. | 39. | 25.13 | 29.06 | 2.27 |
| 118 Worchester | 012 | F01 | 2130 | 10. | 10. | 10. | 31. | 51. | 74. | 84. | 100. | 122. | 37. | 26.29 | 26.79 | 2.29 |
| 119 Boston | 002 | F01 | 2113 | 10. | 10. | 10. | 10. | 10. | 27. | 33. | 43. | 53. | 14. | 8.28 | 12.22 | 1.55 |
| 119 Cambridge | 004 | F01 | 1983 | 10. | 10. | 10. | 10. | 29. | 53. | 67. | 94. | 118. | 23. | 20.57 | 17.37 | 2.08 |
| 119 Framingham | 002 | F01 | 1111 | 10. | 10. | 20. | 35. | 49. | 65. | 71. | 86. | 108. | | | | |
| 119 Medford | 003 | F01 | 2111 | 10. | 10. | 10. | 20. | 35. | 55. | 63. | 74. | 94. | 25. | 18.43 | 19.51 | 2.05 |
| 119 Quincy | 002 | F01 | 2093 | 10. | 10. | 10. | 25. | 41. | 61. | 73. | 96. | 123. | 30. | 22.49 | 22.61 | 2.18 |
| 119 Salem | 001 | F01 | 1460 | 10. | 10. | 10. | 39. | 53. | 71. | 78. | 98. | 116. | | | | |
| 119 Waltham | 004 | F01 | 2149 | 10. | 10. | 10. | 10. | 33. | 57. | 65. | 78. | 106. | 25. | 19.61 | 18.81 | 2.09 |
| 120 Fall River | 004 | F01 | 2119 | 10. | 10. | 10. | 31. | 45. | 63. | 73. | 84. | 106. | 34. | 21.16 | 26.39 | 2.09 |
| 121 Lowell | 004 | F01 | 2155 | 10. | 10. | 10. | 24. | 39. | 55. | 63. | 71. | 90. | 27. | 19.00 | 21.10 | 2.09 |
| **MICHIGAN** | | | | | | | | | | | | | | | | |
| 123 Detroit | 018 | G01 | 581 | 10. | 10. | 31. | 51. | 71. | 102. | 118. | 137. | 149. | | | | |
| | 020 | G01 | 550 | 10. | 10. | 10. | 10. | 24. | 39. | 47. | 61. | 74. | | | | |
| **MINNESOTA** | | | | | | | | | | | | | | | | |
| 131 Minneapolis | 027 | F01 | 2083 | 10. | 10. | 10. | 10. | 29. | 53. | 61. | 96. | 131. | 23. | 20.08 | 17.22 | 2.08 |
| 131 St Paul | 030 | H01 | 2159 | 10. | 10. | 10. | 22. | 39. | 74. | 94. | 153. | 235. | 32. | 31.32 | 22.12 | 2.32 |
| | 031 | H01 | 1240 | 10. | 10. | 10. | 20. | 47. | 84. | 96. | 151. | 216. | | | | |
| **MISSOURI** | | | | | | | | | | | | | | | | |
| 094 North Kansas City | 004 | F01 | 1088 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | | | |
| **MONTANA** | | | | | | | | | | | | | | | | |
| 143 Rosebud Co | 028 | F03 | 573 | 31. | 49. | 57. | 61. | 65. | 73. | 74. | 76. | 78. | | | | |

## OZONE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour
### 1976 [illegible]

| Site identifier | Site No. | Agy (prj) | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **NEBRASKA** | | | | | | | | | | | | | | | | |
| 065 Omaha | 004 | 001 | 2304 | 10. | 10. | 20. | 27. | 49. | 78. | 88. | 108. | 127. | 30. | 27.48 | 20.17 | 2.34 |
| | 002 | 001 | 1207 | 10. | 10. | 20. | 29. | 39. | 49. | 59. | 69. | 108. | | | | |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 013 Las Vegas | 007 | 001 | 1855 | 10. | 10. | 10. | 10. | 22. | 52. | 63. | 93. | 128. | 25. | 19.85 | 18.49 | 2.08 |
| 148 Carson City | 001 | F01 | 904 | 10. | 10. | 10. | 10. | 24. | 33. | 37. | 43. | 51. | | | | |
| **NEW HAMPSHIRE** | | | | | | | | | | | | | | | | |
| 121 Manchester | 009 | F01 | 2149 | 10. | 10. | 10. | 20. | 37. | 53. | 59. | 71. | 88. | 26. | 18.43 | 19.62 | 2.07 |
| 121 Nashua | 006 | F01 | 1700 | 10. | 10. | 10. | 22. | 35. | 55. | 63. | 74. | 84. | 26. | 18.96 | 20.19 | 2.09 |
| **NEW JERSEY** | | | | | | | | | | | | | | | | |
| 043 Asbury Park | 001 | F01 | 1336 | 10. | 10. | 10. | 10. | 10. | 29. | 33. | 41. | 49. | | | | |
| 043 Bayonne | 003 | F01 | 1352 | 10. | 10. | 10. | 10. | 25. | 51. | 59. | 80. | 90. | | | | |
| 043 Newark | 002 | F01 | 1365 | 10. | 10. | 10. | 10. | 22. | 37. | 43. | 55. | 69. | | | | |
| 043 Somerville | 001 | F01 | 1352 | 10. | 10. | 10. | 10. | 10. | 39. | 49. | 65. | 90. | | | | |
| 045 Camden | 003 | F01 | 1221 | 10. | 10. | 10. | 10. | 10. | 31. | 37. | 53. | 73. | | | | |
| 045 Camden Co | 001 | F01 | 1351 | 10. | 10. | 10. | 10. | 25. | 47. | 55. | 73. | 90. | | | | |
| 045 Trenton | 002 | F01 | 1351 | 10. | 10. | 10. | 10. | 20. | 49. | 65. | 94. | 108. | | | | |
| **NEW MEXICO** | | | | | | | | | | | | | | | | |
| 152 Albuquerque | 002 | N01 | 1125 | 10. | 10. | 20. | 29. | 49. | 88. | 108. | 127. | 147. | | | | |
| | 008 | N02 | 423 | 10. | 10. | 20. | 39. | 53. | 98. | 112. | 123. | 131. | | | | |
| 153 Dona Ana Co | 008 | F01 | 1911 | 10. | 10. | 22. | 45. | 69. | 84. | 90. | 102. | 204. | 46. | 29.73 | 34.11 | 2.34 |
| | 010 | F01 | 2094 | 10. | 10. | 27. | 47. | 63. | 74. | 80. | 88. | 139. | 44. | 24.67 | 34.81 | 2.17 |
| **NEW YORK** | | | | | | | | | | | | | | | | |
| 043 Babylon | 002 | F01 | 2128 | 10. | 10. | 10. | 10. | 35. | 61. | 67. | 82. | 114. | 27. | 20.96 | 19.86 | 2.15 |
| 043 Hempstead | 005 | F01 | 2125 | 10. | 10. | 10. | 10. | 20. | 41. | 49. | 65. | 94. | 18. | 14.33 | 14.44 | 1.84 |
| 043 Mamaroneck | 002 | F01 | 1523 | 10. | 10. | 10. | 10. | 25. | 47. | 55. | 65. | 74. | | | | |
| 043 New York City | 050 | F01 | 2034 | 10. | 10. | 10. | 10. | 10. | 33. | 41. | 57. | 92. | 15. | 11.43 | 12.98 | 1.68 |
| 158 Syracuse | 005 | F01 | 2070 | 10. | 10. | 10. | 27. | 41. | 61. | 71. | 84. | 123. | 31. | 21.09 | 23.40 | 2.12 |
| | 011 | F01 | 2025 | 10. | 10. | 10. | 22. | 33. | 49. | 57. | 69. | 114. | 25. | 16.90 | 19.74 | 1.98 |
| 158 Utica | 004 | F01 | 1929 | 10. | 10. | 10. | 25. | 41. | 63. | 69. | 88. | 131. | 31. | 21.70 | 23.22 | 2.12 |
| 159 Glens Falls | 003 | F01 | 2105 | 10. | 10. | 10. | 37. | 55. | 71. | 74. | 96. | 128. | 38. | 24.33 | 29.09 | 2.32 |
| 160 Rochester | 004 | F01 | 1259 | 10. | 10. | 10. | 10. | 25. | 39. | 47. | 61. | 104. | | | | |
| 161 Kingston | 002 | F01 | 2104 | 10. | 10. | 10. | 22. | 39. | 57. | 63. | 80. | 110. | 27. | 19.80 | 20.79 | 2.11 |
| 161 Rensselaer | 001 | F01 | 2087 | 10. | 10. | 10. | 25. | 43. | 63. | 71. | 90. | 106. | 30. | 21.95 | 22.84 | 2.18 |
| 161 Schenectady | 003 | F01 | 2111 | 10. | 10. | 10. | 24. | 37. | 51. | 59. | 76. | 102. | 27. | 18.26 | 20.79 | 2.06 |
| 162 Amherst | 002 | F01 | 2183 | 10. | 10. | 24. | 43. | 63. | 90. | 102. | 131. | 167. | 47. | 31.14 | 35.04 | 2.27 |
| 162 Buffalo | 005 | F01 | 2132 | 10. | 10. | 10. | 10. | 35. | 57. | 67. | 80. | 127. | 26. | 20.46 | 19.46 | 2.12 |
| 162 Niagara Falls | 006 | F01 | 1744 | 10. | 10. | 24. | 37. | 53. | 73. | 80. | 96. | 123. | 39. | 23.98 | 31.12 | 2.10 |
| 164 Elmira | 003 | F01 | 1734 | 10. | 10. | 10. | 10. | 37. | 65. | 73. | 92. | 127. | 27. | 23.93 | 18.48 | 2.37 |
| **NORTH CAROLINA** | | | | | | | | | | | | | | | | |
| 167 Charlotte | 019 | 002 | 1811 | 10. | 10. | 10. | 24. | 40. | 61. | 71. | 88. | 105. | 29. | 21.75 | 22.06 | 2.16 |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 184 Oklahoma City | 027 | F01 | 325 | 10. | 10. | 28. | 36. | 48. | 58. | 58. | 64. | 74. | | | | |
| 186 Tulsa | 127 | F0[illegible] | 646 | 10. | 10. | 10. | 10. | 10. | 10. | 28. | 59. | 88. | | | | |
| **OREGON** | | | | | | | | | | | | | | | | |
| 193 Eugene | 008 | F01 | 2149 | 10. | 10. | 20. | 33. | 47. | 59. | 61. | 66. | 90. | 33. | 18.54 | 27.39 | 2.09 |
| 193 Milwaukie | 001 | F01 | 1921 | 10. | 10. | 10. | 20. | 39. | 59. | 69. | 78. | 88. | 26. | 19.88 | 19.99 | 2.12 |
| 193 Portland | 002 | F01 | 1972 | 10. | 10. | 10. | 10. | 10. | 30. | 49. | 59. | 69. | 15. | 11.96 | 12.88 | 1.69 |
| 193 Salem | 011 | F01 | 1416 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 18. | | | | |

## OZONE, micrograms per cubic meter (25 C)
## INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Arithmetic Std. dev. | Geometric Mean | Geometric Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PENNSYLVANIA** | | | | | | | | | | | | | | | | |
| 045 Bristol (borough) | 012 | F01 | 1564 | 10. | 10. | 10. | 33. | 84. | 123. | 133. | 163. | 200. | | | | |
| 045 Chester (city) | 002 | F01 | 1506 | 10. | 10. | 10. | 10. | 29. | 53. | 61. | 76. | 88. | | | | |
| 045 Norristown | 013 | F01 | 1409 | 10. | 10. | 10. | 25. | 57. | 88. | 96. | 110. | 129. | | | | |
| 045 Philadelphia | 002 | H01 | 1833 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 78. | 98. | 25. | 17.31 | 20.25 | 1.89 |
| | 004 | H01 | 2031 | 10. | 10. | 10. | 10. | 20. | 59. | 59. | 78. | 137. | 23. | 19.12 | 17.39 | 2.01 |
| | 014 | H01 | 2087 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 98. | 137. | 32. | 26.42 | 22.77 | 2.29 |
| | 019 | H01 | 1844 | 20. | 20. | 20. | 20. | 39. | 59. | 78. | 98. | 118. | 31. | 18.86 | 27.32 | 1.64 |
| | 021 | H01 | 2096 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 98. | 118. | 26. | 21.42 | 19.73 | 2.10 |
| | 022 | H01 | 2091 | 10. | 10. | 10. | 10. | 20. | 39. | 39. | 59. | 98. | 19. | 14.21 | 15.32 | 1.80 |
| | 024 | H01 | 2061 | 10. | 10. | 10. | 20. | 39. | 78. | 78. | 118. | 137. | 34. | 28.20 | 23.99 | 2.35 |
| | 026 | H01 | 2010 | 10. | 10. | 10. | 10. | 20. | 39. | 39. | 59. | 137. | 16. | 10.92 | 14.01 | 1.65 |
| 151 Allentown | 003 | F01 | 1789 | 10. | 10. | 10. | 22. | 51. | 76. | 86. | 104. | 127. | 34. | 28.07 | 23.24 | 2.43 |
| 151 Bethlehem | 017 | F01 | 1869 | 10. | 10. | 10. | 27. | 57. | 88. | 98. | 118. | 135. | 39. | 32.45 | 25.67 | 2.54 |
| 151 Reading | 009 | F01 | 1875 | 10. | 10. | 10. | 10. | 43. | 65. | 73. | 96. | 125. | 29. | 24.47 | 20.36 | 2.30 |
| 151 Scranton | 006 | F01 | 1900 | 10. | 10. | 10. | 31. | 53. | 69. | 73. | 88. | 108. | 35. | 24.60 | 25.46 | 2.31 |
| 151 Wilkes-Barre | 016 | F01 | 1630 | 10. | 10. | 10. | 10. | 31. | 57. | 65. | 76. | 90. | 24. | 19.26 | 18.09 | 2.07 |
| 178 Erie | 010 | F01 | 1393 | 10. | 10. | 31 | 53. | 76. | 100. | 112. | 133. | 225. | | | | |
| 178 New Castle | 015 | F01 | 1882 | 10. | 10. | 10. | 22. | 37. | 55. | 63. | 74. | 94. | 26. | 18.84 | 20.07 | 2.07 |
| 195 Johnstown | 011 | F01 | 1683 | 10. | 10. | 10. | 22. | 41. | 65. | 74. | 90. | 123. | 30. | 22.99 | 21.75 | 2.22 |
| 196 Harrisburg | 361 | F01 | 1903 | 10. | 10. | 10. | 10. | 45. | 76. | 84. | 96. | 129. | 31. | 28.06 | 20.57 | 2.43 |
| 196 Lancaster City | 007 | F01 | 1774 | 10. | 10. | 10. | 22. | 41. | 73. | 84. | 106. | 139. | 32. | 26.78 | 22.33 | 2.32 |
| 196 York | 008 | F01 | 1898 | 10. | 10. | 10. | 24. | 51. | 82. | 92. | 112. | 155. | 35. | 30.25 | 23.84 | 2.46 |
| 197 Baden | 004 | F01 | 426 | 10. | 10. | 10. | 25. | 39. | 57. | 63. | 73. | 90. | | | | |
| 197 Beaver Falls | 014 | F01 | 1303 | 10. | 10. | 10. | 20. | 37. | 51. | 57. | 67. | 78. | | | | |
| 197 Charleroi | 005 | F01 | 1066 | 10. | 10. | 10. | 25. | 51. | 82. | 98. | 127. | 180. | | | | |
| **SOUTH CAROLINA** | | | | | | | | | | | | | | | | |
| 167 Rock Hill | 004 | F01 | 2107 | 10. | 10. | 10. | 10. | 25. | 40. | 50. | 70. | 90. | 21. | 13.84 | 16.98 | 1.83 |
| 200 Richland Co | 003 | F01 | 2149 | 10. | 10. | 10. | 30. | 45. | 65. | 70. | 90. | 125. | 32. | 22.64 | 24.52 | 2.18 |
| **TENNESSEE** | | | | | | | | | | | | | | | | |
| 018 Memphis | 021 | G01 | 2019 | 10. | 10. | 20. | 39. | 49. | 69. | 69. | 88. | 1225. | 37. | 34.19 | 29.47 | 2.05 |
| | 024 | G01 | 1410 | 10. | 10. | 20. | 39. | 49. | 69. | 69. | 78. | 98. | | | | |
| 055 Chattanooga | 024 | G01 | 337 | 10. | 10. | 40. | 76. | 94. | 127. | 135. | 161. | 161. | | | | |
| 207 Kingsport | 001 | F01 | 2126 | 10. | 10. | 10. | 20. | 35. | 49. | 55. | 69. | 84. | 24. | 17.21 | 18.98 | 2.01 |
| 207 Sullivan Co | 001 | F01 | 727 | 10. | 10. | 10. | 10. | 10. | 29. | 35. | 39. | 45. | | | | |
| 208 Columbia | 002 | F01 | 2017 | 10. | 10. | 10. | 33. | 49. | 73. | 80. | 98. | 122. | 37. | 24.26 | 28.11 | 2.18 |
| 208 Nashville | 011 | G01 | 1976 | 10. | 10. | 10. | 20. | 41. | 82. | 112. | 147. | 167. | 35. | 33.11 | 23.15 | 2.43 |
| 208 Sumner Co | 007 | F01 | 2004 | 10. | 10. | 10. | 33. | 49. | 69. | 76. | 98. | 120. | 35. | 23.79 | 26.94 | 2.20 |
| **TEXAS** | | | | | | | | | | | | | | | | |
| 106 Nederland | 003 | F01 | 1655 | 10. | 10. | 35. | 49. | 63. | 92. | 106. | 147. | 308. | 52. | 32.37 | 41.73 | 2.08 |
| 106 West Orange | 001 | F01 | 1819 | 10. | 10. | 31. | 49. | 67. | 96. | 108. | 135. | 368. | 52. | 33.71 | 39.74 | 2.22 |
| 153 El Paso | 027 | F01 | 1453 | 10. | 10. | 10. | 31. | 51. | 73. | 80. | 92. | 131. | | | | |
| | 028 | F01 | 1783 | 10. | 10. | 20. | 49. | 76. | 102. | 110. | 125. | 231. | 52. | 36.28 | 36.35 | 2.55 |
| 212 Austin | 012 | F01 | 1755 | 10. | 10. | 20. | 35. | 51. | 69. | 82. | 106. | 149. | 38. | 24.97 | 29.09 | 2.19 |
| 214 Corpus Christi | 019 | F01 | 1081 | 10. | 10. | 27. | 43. | 59. | 94. | 114. | 147. | 176. | | | | |
| 215 Dallas | 044 | A05 | 2137 | 10. | 10. | 10. | 10. | 27. | 43. | 51. | 65. | 74. | 21. | 14.74 | 17.04 | 1.89 |
| | 045 | F01 | 1771 | 10. | 10. | 10. | 33. | 47. | 71. | 82. | 108. | 127. | 35. | 25.32 | 26.03 | 2.24 |
| 216 Clute City | 003 | F01 | 1715 | 10. | 10. | 27. | 43. | 63. | 94. | 108. | 147. | 194. | 49. | 32.55 | 36.90 | 2.24 |
| 216 Harris Co | 024 | F01 | 1394 | 10. | 10. | 10. | 29. | 49. | 74. | 96. | 147. | 308. | | | | |
| 216 Houston | 034 | F01 | 1141 | 10. | 10. | 10. | 10. | 33. | 59. | 78. | 116. | 347. | | | | |
| | 036 | F01 | 701 | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | 10. | | | | |
| 216 Texas City | 002 | F01 | 1413 | 10. | 10. | 25. | 45. | 67. | 90. | 108. | 155. | 284. | | | | |
| 217 San Antonio | 036 | F01 | 607 | 10. | 10. | 10. | 22. | 39. | 69. | 78. | 94. | 100. | | | | |
| **UTAH** | | | | | | | | | | | | | | | | |
| 220 Bountiful | 001 | F01 | 2060 | 10. | 10. | 27. | 55. | 80. | 100. | 108. | 149. | 231. | 55. | 36.89 | 39.87 | 2.49 |
| 220 Provo | 001 | F01 | 2060 | 10. | 10. | 10. | 25. | 47. | 69. | 76. | 90. | 125. | 33. | 23.74 | 24.97 | 2.20 |
| 220 Salt Lake City | 001 | F01 | 2114 | 10. | 10. | 10. | 27. | 47. | 67. | 80. | 106. | 151. | 33. | 25.53 | 24.00 | 2.28 |

# OZONE, micrograms per cubic meter (25 C)
# INSTRUMENTAL CHEMILUMINESCENCE, 1 hour

### 1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles | | | | | | | Max. obs. | Arithmetic | | Geometric | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10 | 30 | 50 | 70 | 90 | 95 | 99 | | Mean | Std. dev. | Mean | Std. dev. |
| **VERMONT** | | | | | | | | | | | | | | | | |
| 159 Burlington | 003 | F01 | 1841 | 10. | 10. | 33. | 47. | 65. | 82. | 88. | 112. | 153. | 49. | 26.53 | 38.44 | 2.11 |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 047 Alexandria | 009 | H01 | 2154 | 10. | 10. | 10. | 10. | 20. | 39. | 49. | 69. | 3939. | 23. | 128.39 | 16.07 | 1.88 |
| 047 Arlington Co | 008 | F02 | 2124 | 10. | 10. | 10. | 10. | 10. | 35. | 43. | 63. | 94. | 16. | 12.48 | 13.13 | 1.72 |
| 047 Fairfax | 005 | G01 | 1129 | 10. | 10. | 10. | 29. | 54. | 98. | 111. | 127. | 142. | | | | |
| 047 Fairfax Co | 014 | G01 | 2160 | 10. | 10. | 10. | 10. | 29. | 54. | 64. | 78. | 103. | 34. | 18.68 | 18.50 | 2.06 |
| 047 Mc Lean | 001 | G01 | 2148 | 10. | 10. | 10. | 20. | 49. | 74. | 83. | 98. | 118. | 32. | 26.40 | 22.83 | 2.34 |
| 047 Seven Corners | 004 | G01 | 2112 | 10. | 10. | 10. | 20. | 39. | 69. | 78. | 93. | 118. | 30. | 24.61 | 21.43 | 2.26 |
| 223 Hampton | 004 | F02 | 2160 | 10. | 10. | 24. | 43. | 63. | 92. | 106. | 139. | 178. | 47. | 32.88 | 34.72 | 2.33 |
| 223 Norfolk | 013 | F01 | 2160 | 10. | 10. | 10. | 31. | 41. | 55. | 59. | 73. | 108. | 31. | 18.81 | 24.68 | 2.06 |
| 225 Henrico Co | 010 | F01 | 1932 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 88. | 118. | 30. | 22.95 | 22.24 | 2.18 |
| 225 Richmond | 012 | F01 | 2136 | 10. | 10. | 10. | 29. | 39. | 69. | 78. | 108. | 147. | 32. | 24.72 | 24.11 | 2.19 |
| **WASHINGTON** | | | | | | | | | | | | | | | | |
| 193 Vancouver | 007 | F01 | 1493 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 78. | 118. | | | | |
| 229 Kent | 001 | I01 | 1585 | 10. | 10. | 10. | 39. | 59. | 78. | 78. | 78. | 98. | | | | |
| 229 Pierce Co | 002 | F01 | 2021 | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 59. | 78. | 27. | 18.37 | 20.74 | 2.02 |
| 229 Seattle | 059 | F01 | 1557 | 10. | 10. | 10. | 10. | 20. | 39. | 59. | 59. | 78. | | | | |
| 229 Tacoma | 001 | F01 | 1878 | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 98. | 118. | 27. | 23.79 | 19.43 | 2.14 |
| **WISCONSIN** | | | | | | | | | | | | | | | | |
| 239 Milwaukee | 040 | F01 | 2026 | 10. | 10. | 10. | 30. | 46. | 67. | 76. | 88. | 115. | 34. | 23.00 | 25.47 | 2.17 |
| | 041 | F01 | 2105 | 10. | 10. | 10. | 32. | 50. | 73. | 81. | 97. | 117. | 36. | 25.38 | 26.56 | 2.27 |
| | 042 | F01 | 2160 | 10. | 10. | 10. | 37. | 52. | 73. | 82. | 122. | 191. | 39. | 27.61 | 29.21 | 2.25 |
| | 044 | F01 | 2113 | 10. | 10. | 10. | 33. | 47. | 70. | 83. | 101. | 141. | 35. | 24.98 | 26.45 | 2.23 |
| | 045 | F01 | 744 | 10. | 10. | 10. | 29. | 46. | 65. | 76. | 104. | 126. | | | | |
| 239 Racine | 011 | F01 | 2062 | 10. | 10. | 27. | 44. | 60. | 77. | 84. | 97. | 161. | 44. | 25.49 | 34.77 | 2.13 |
| 239 Waukesha | 007 | F01 | 2071 | 10. | 10. | 22. | 37. | 52. | 69. | 80. | 104. | 163. | 39. | 24.44 | 30.09 | 2.15 |

# OZONE, micrograms per cubic meter (25 C)
# INSTRUMENTAL ULTRA VIOLET DASIBI CORP, 1 hour

1975 First Quarter

| Site location | Site No. | Ag/ proj. | No. obs. | Min. obs. | Percentiles 10 | 30 | 50 | 70 | 90 | 95 | 99 | Max. obs. | Arithmetic Mean | Std. dev. | Geometric Mean | Std. dev. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ARIZONA** | | | | | | | | | | | | | | | | |
| 015 Glendale | 001 | G01 | 667 | 10. | 10. | 10. | 10. | 22. | 55. | 67. | 110. | 190. | | | | |
| 015 Maricopa Co | 009 | G01 | 1809 | 10. | 10. | 10. | 10. | 39. | 69. | 82. | 122. | 272. | 29. | 27.71 | 19.85 | 2.31 |
| 015 Phoenix | 002 | G01 | 717 | 10. | 10. | 10. | 10. | 10. | 39. | 53. | 78. | 104. | | | | |
| 015 Scottsdale | 003 | G01 | 1776 | 10. | 10. | 10. | 10. | 10. | 31. | 41. | 63. | 86. | 15. | 11.43 | 12.43 | 1.65 |
| **CALIFORNIA** | | | | | | | | | | | | | | | | |
| 024 El Toro | 001 | I01 | 2158 | 10. | 10. | 10. | 20. | 39. | 59. | 98. | 196. | 314. | 33. | 36.48 | 22.39 | 2.27 |
| 024 Hemet | 001 | I01 | 2159 | 10. | 10. | 20. | 39. | 59. | 78. | 118. | 157. | 255. | 47. | 34.67 | 35.03 | 2.22 |
| 024 Norco | 001 | I01 | 168 | 10. | 10. | 39. | 59. | 78. | 98. | 118. | 137. | 137. | | | | |
| 024 Riverside | 003 | F01 | 1462 | 10. | 10. | 20. | 39. | 39. | 78. | 118. | 255. | 333. | | | | |
| 024 Rubidoux | 001 | I01 | 647 | 10. | 10. | 20. | 39. | 59. | 98. | 157. | 294. | 392. | | | | |
| 024 Santa Barbara | 004 | F01 | 644 | 10. | 10. | 10. | 10. | 20. | 39. | 59. | 78. | 98. | | | | |
| 024 Upland | 004 | F01 | 2088 | 10. | 20. | 20. | 39. | 78. | 137. | 196. | 412. | 568. | 69. | 73.33 | 46.16 | 2.44 |
| 029 Chula Vista | 001 | I01 | 2137 | 10. | 10. | 20. | 39. | 59. | 98. | 118. | 176. | 235. | 47. | 36.96 | 35.14 | 2.21 |
| 029 Escondido | 002 | I01 | 2130 | 10. | 10. | 20. | 39. | 59. | 98. | 137. | 216. | 647. | 46. | 45.41 | 31.97 | 2.35 |
| 029 San Diego | 005 | I01 | 2147 | 10. | 10. | 10. | 10. | 20. | 59. | 78. | 157. | 314. | 28. | 31.04 | 18.93 | 2.26 |
| 030 Oakland | 004 | F01 | 1750 | 10. | 10. | 20. | 20. | 39. | 59. | 59. | 98. | 137. | 30. | 20.37 | 24.32 | 1.91 |
| 031 Visalia | 001 | F01 | 2111 | 10. | 20. | 20. | 39. | 59. | 78. | 118. | 157. | 235. | 44. | 31.59 | 35.38 | 1.96 |
| **LOUISIANA** | | | | | | | | | | | | | | | | |
| 106 Baton Rouge | 003 | F01 | 1772 | 10. | 10. | 10. | 10. | 31. | 57. | 67. | 92. | 120. | 26. | 21.38 | 18.83 | 2.13 |
| 106 New Orleans | 083 | F01 | 289 | 10. | 10. | 10. | 10. | 10. | 10. | 22. | 22. | 31. | | | | |
| **MISSISSIPPI** | | | | | | | | | | | | | | | | |
| 005 Jackson | 003 | F01 | 1426 | 10. | 10. | 20. | 39. | 54. | 83. | 93. | 113. | 152. | | | | |
| 005 Moss Point | 001 | F01 | 1939 | 10. | 10. | 20. | 39. | 59. | 88. | 98. | 137. | 206. | 43. | 30.92 | 32.63 | 2.21 |
| 018 De Soto Co | 002 | F01 | 1846 | 10. | 10. | 39. | 49. | 69. | 88. | 98. | 127. | 176. | 52. | 27.82 | 43.48 | 1.96 |
| **NEVADA** | | | | | | | | | | | | | | | | |
| 013 Las Vegas | 009 | G01 | 1382 | 10. | 10. | 10. | 23. | 43. | 59. | 73. | 122. | 183. | | | | |
| **OKLAHOMA** | | | | | | | | | | | | | | | | |
| 186 Tulsa | 132 | F02 | 546 | 10. | 10. | 10. | 20. | 40. | 59. | 78. | 88. | 108. | | | | |
| **VIRGINIA** | | | | | | | | | | | | | | | | |
| 225 Henrico Co | 012 | F01 | 1968 | 10. | 10. | 10. | 20. | 29. | 49. | 59. | 78. | 98. | 24. | 18.00 | 18.56 | 2.01 |
| 225 Richmond | 002 | H01 | 2016 | 10. | 10. | 10. | 10. | 10. | 31. | 39. | 51. | 510. | 15. | 15.06 | 12.74 | 1.63 |
| **WISCONSIN** | | | | | | | | | | | | | | | | |
| 129 Superior | 998 | F05 | 497 | 10. | 39. | 63. | 78. | 90. | 161. | 176. | 188. | 196. | | | | |
| | 999 | F04 | 471 | 10. | 43. | 59. | 74. | 86. | 102. | 118. | 125. | 133. | | | | |

**Preceding page black**